

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD041323\  
 Data File : VD075653.D  
 Acq On : 13 Apr 2023 10:50  
 Operator : KP/SY  
 Sample : VSTDICC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC010

Quant Time: Apr 13 14:07:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D041323S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 14:07:05 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 200791   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 352668   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.587 | 117  | 327381   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.522 | 152  | 153468   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 19518    | 10.241   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 20.480%# |
| 35) Dibromofluoromethane    | 7.810  | 113   | 24411    | 10.291   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 20.580%# |
| 50) Toluene-d8              | 10.269 | 98    | 89792    | 9.453    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 18.900%# |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 23786    | 9.421    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 18.840%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.934 | 85  | 21522  | 11.536 | ug/l   | 95  |
| 3) Chloromethane             | 2.146 | 50  | 37698  | 11.190 | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.281 | 62  | 52200  | 11.677 | ug/l   | 99  |
| 5) Bromomethane              | 2.687 | 94  | 38888  | 11.141 | ug/l   | 97  |
| 6) Chloroethane              | 2.834 | 64  | 33037  | 10.976 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.169 | 101 | 38245  | 11.042 | ug/l   | 99  |
| 8) Diethyl Ether             | 3.593 | 74  | 11122  | 10.317 | ug/l   | 68  |
| 9) 1,1,2-Trichlorotrifluo... | 3.975 | 101 | 23671  | 10.898 | ug/l   | 94  |
| 10) Methyl Iodide            | 4.163 | 142 | 29528  | 9.933  | ug/l   | 89  |
| 11) Tert butyl alcohol       | 5.057 | 59  | 4650   | 48.614 | ug/l # | 100 |
| 12) 1,1-Dichloroethene       | 3.940 | 96  | 23849  | 10.604 | ug/l   | 84  |
| 13) Acrolein                 | 3.799 | 56  | 9581   | 49.659 | ug/l   | 99  |
| 14) Allyl chloride           | 4.563 | 41  | 20997  | 10.251 | ug/l # | 81  |
| 15) Acrylonitrile            | 5.252 | 53  | 20315  | 50.453 | ug/l   | 93  |
| 16) Acetone                  | 4.028 | 43  | 16621  | 47.603 | ug/l # | 77  |
| 17) Carbon Disulfide         | 4.275 | 76  | 81475  | 11.070 | ug/l # | 93  |
| 18) Methyl Acetate           | 4.563 | 43  | 11845  | 10.060 | ug/l # | 62  |
| 19) Methyl tert-butyl Ether  | 5.322 | 73  | 42141  | 9.655  | ug/l   | 93  |
| 20) Methylene Chloride       | 4.799 | 84  | 35923  | 9.570  | ug/l # | 76  |
| 21) trans-1,2-Dichloroethene | 5.310 | 96  | 27349  | 10.211 | ug/l # | 76  |
| 22) Diisopropyl ether        | 6.210 | 45  | 46660  | 10.082 | ug/l # | 87  |
| 23) Vinyl Acetate            | 6.157 | 43  | 106486 | 49.535 | ug/l # | 78  |
| 24) 1,1-Dichloroethane       | 6.104 | 63  | 41247  | 10.755 | ug/l   | 95  |
| 25) 2-Butanone               | 7.081 | 43  | 22048  | 49.043 | ug/l # | 69  |
| 26) 2,2-Dichloropropane      | 7.081 | 77  | 37359  | 10.745 | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 7.081 | 96  | 30128  | 10.154 | ug/l   | 83  |
| 28) Bromochloromethane       | 7.428 | 49  | 12991  | 10.716 | ug/l # | 51  |
| 29) Tetrahydrofuran          | 7.446 | 42  | 11764  | 47.851 | ug/l # | 54  |
| 30) Chloroform               | 7.593 | 83  | 46775  | 10.759 | ug/l   | 98  |
| 31) Cyclohexane              | 7.875 | 56  | 32758  | 10.953 | ug/l # | 51  |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 38600  | 10.888 | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.004 | 75  | 35852  | 10.956 | ug/l   | 93  |
| 37) Ethyl Acetate            | 7.169 | 43  | 10428  | 10.471 | ug/l # | 90  |
| 38) Carbon Tetrachloride     | 7.998 | 117 | 30072  | 10.435 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.275 | 83  | 37072  | 9.797  | ug/l   | 97  |
| 40) Benzene                  | 8.251 | 78  | 105760 | 10.396 | ug/l   | 99  |

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 Sample : VSTDICC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC010

Quant Time: Apr 13 14:07:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D041323S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 14:07:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 4836     | 10.119  | ug/l # | 58       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 24230    | 10.486  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 18015    | 9.920   | ug/l # | 78       |
| 44) Trichloroethene           | 9.028  | 130  | 29680    | 10.309  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.310  | 63   | 23646    | 10.372  | ug/l   | 99       |
| 46) Dibromomethane            | 9.398  | 93   | 14630    | 10.116  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.587  | 83   | 34342    | 10.381  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.381  | 41   | 7357     | 9.093   | ug/l # | 62       |
| 49) 1,4-Dioxane               | 9.393  | 88   | 2544     | 177.296 | ug/l # | 71       |
| 51) 4-Methyl-2-Pentanone      | 10.163 | 43   | 45530    | 47.023  | ug/l # | 85       |
| 52) Toluene                   | 10.334 | 92   | 65960    | 9.751   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 29907    | 9.431   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 36718    | 9.745   | ug/l # | 75       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 20403    | 9.743   | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 17211    | 8.352   | ug/l # | 70       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 31333    | 9.856   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.875  | 63   | 39402    | 44.520  | ug/l # | 87       |
| 59) 2-Hexanone                | 10.922 | 43   | 29323    | 43.072  | ug/l   | 75       |
| 60) Dibromochloromethane      | 11.075 | 129  | 22997    | 9.385   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 19193    | 9.608   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.810 | 164  | 23193    | 9.837   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.604 | 112  | 71281    | 10.165  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 23864    | 9.899   | ug/l   | 93       |
| 67) Ethyl Benzene             | 11.687 | 91   | 112674   | 9.901   | ug/l   | 90       |
| 68) m/p-Xylenes               | 11.792 | 106  | 92457    | 19.824  | ug/l   | 92       |
| 69) o-Xylene                  | 12.122 | 106  | 40620    | 9.632   | ug/l   | 95       |
| 70) Styrene                   | 12.139 | 104  | 70150    | 9.437   | ug/l   | 93       |
| 71) Bromoform                 | 12.298 | 173  | 12943    | 10.271  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.422 | 105  | 102404   | 10.167  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.234 | 43   | 15124    | 10.219  | ug/l # | 74       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 20858    | 10.661  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 24763    | 22.107  | ug/l # | 100      |
| 77) Bromobenzene              | 12.704 | 156  | 26905    | 10.362  | ug/l   | 91       |
| 78) n-propylbenzene           | 12.763 | 91   | 129842   | 10.517  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 73410    | 10.483  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 84227    | 10.031  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 6019     | 10.424  | ug/l # | 72       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 76481    | 10.504  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 70336    | 9.935   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 84721    | 10.055  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 112505   | 10.301  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 89788    | 9.875   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.463 | 146  | 54978    | 10.177  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 54083    | 10.134  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.792 | 91   | 84057    | 10.036  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.057 | 117  | 19693    | 10.901  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.833 | 146  | 46702    | 10.092  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 2866     | 10.927  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.104 | 180  | 31556    | 11.722  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 16488    | 12.814  | ug/l   | 96       |
| 95) Naphthalene               | 15.333 | 128  | 56154    | 11.010  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 28855    | 12.177  | ug/l   | 98       |

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Sample : VSTDICC010  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

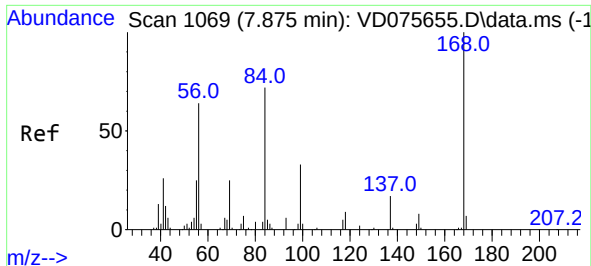
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

Quant Time: Apr 13 14:07:42 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D041323S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 13 14:07:05 2023  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

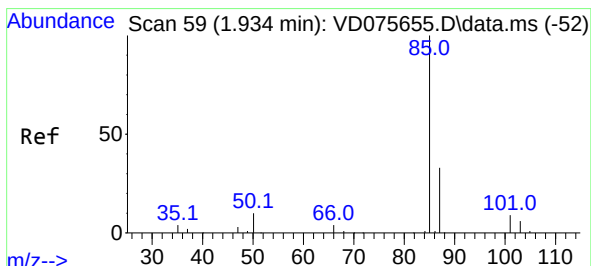
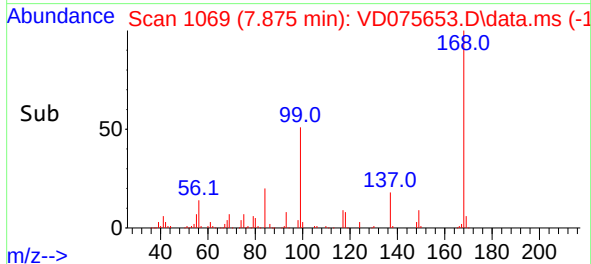
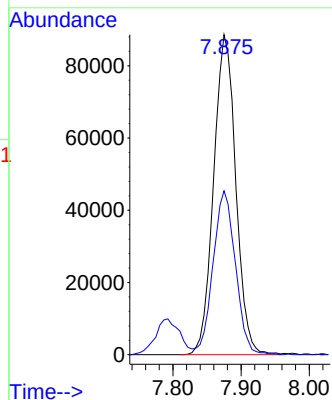
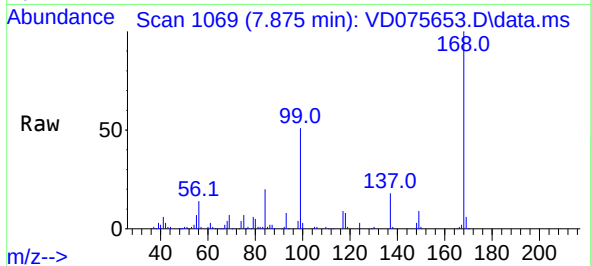




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

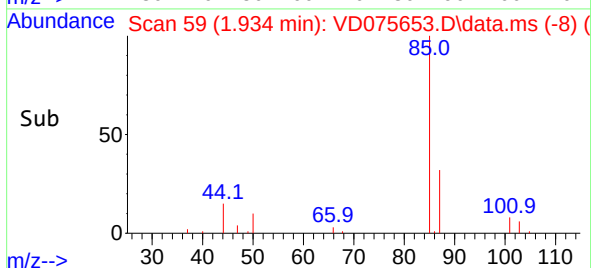
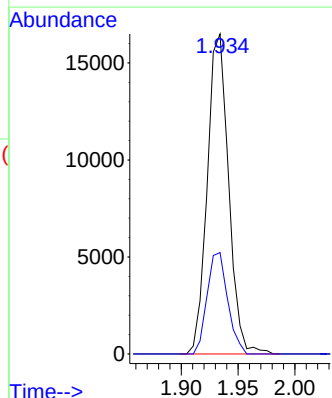
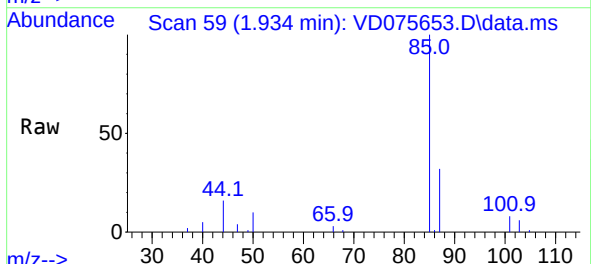
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MSVOA\_D  
ClientSampleId :  
VSTDIC010

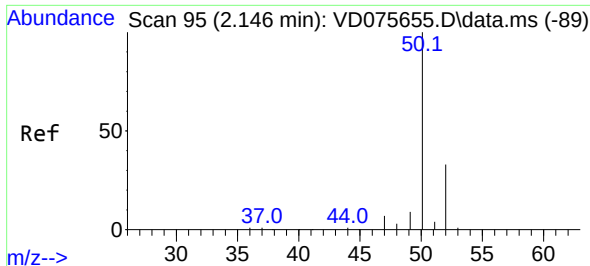
Tgt Ion:168 Resp: 200791  
Ion Ratio Lower Upper  
168 100  
99 51.2 43.8 65.6



#2  
Dichlorodifluoromethane  
Concen: 11.536 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 85 Resp: 21522  
Ion Ratio Lower Upper  
85 100  
87 31.7 17.3 51.7

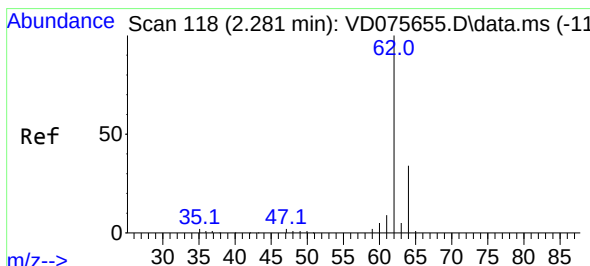
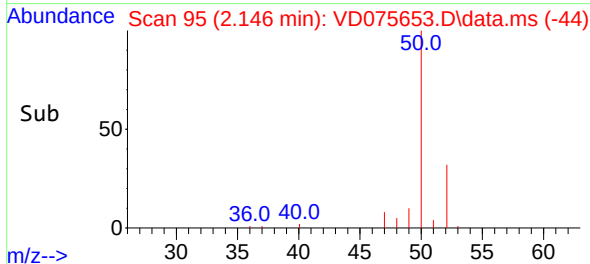
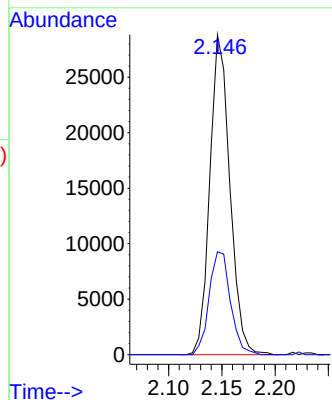
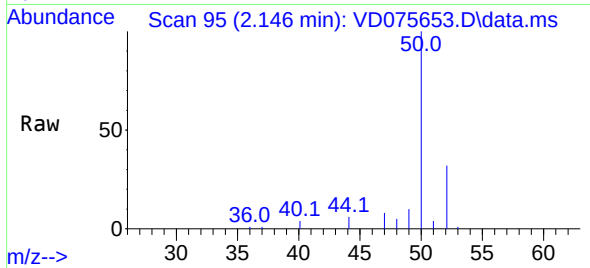




#3  
Chloromethane  
Concen: 11.190 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

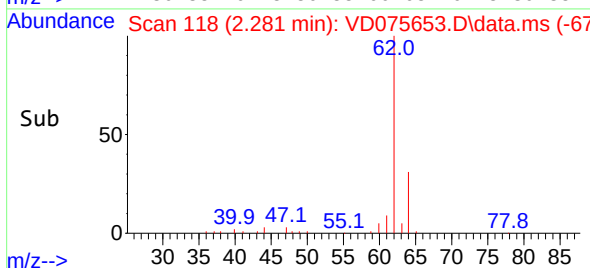
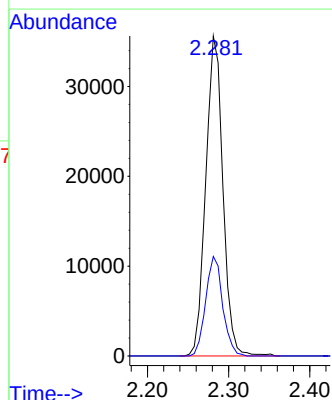
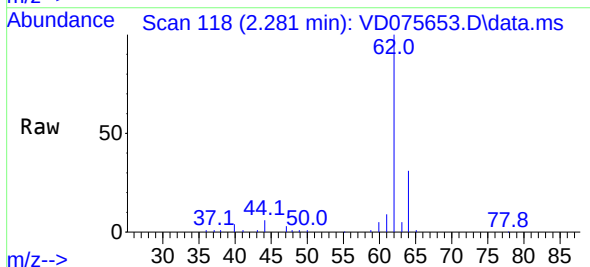
Instrument :  
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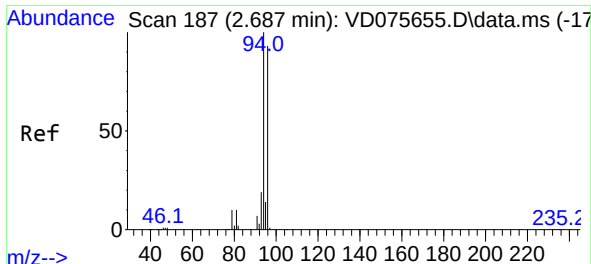
Tgt Ion: 50 Resp: 37698  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.8 41.8



#4  
Vinyl Chloride  
Concen: 11.677 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 62 Resp: 52200  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.4 38.0

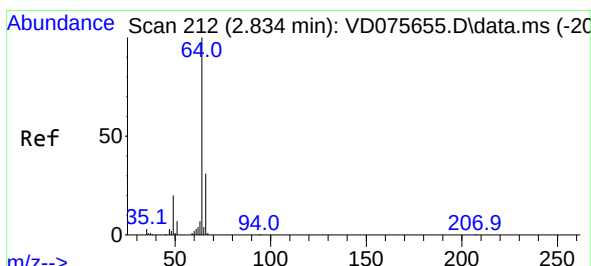
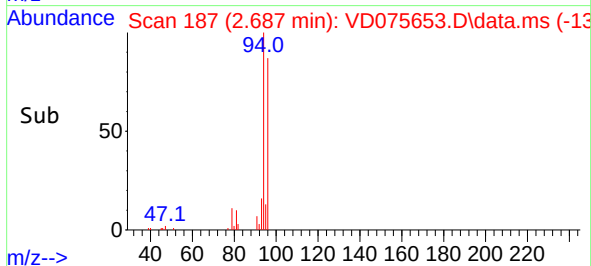
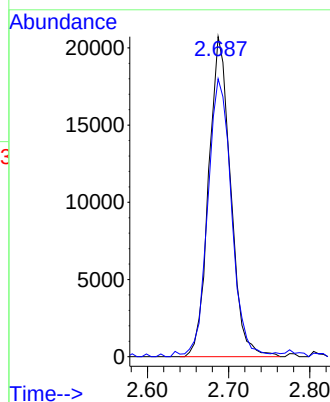
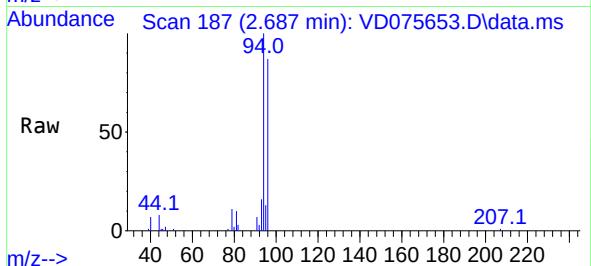




#5  
Bromomethane  
Concen: 11.141 ug/l  
RT: 2.687 min Scan# 187  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

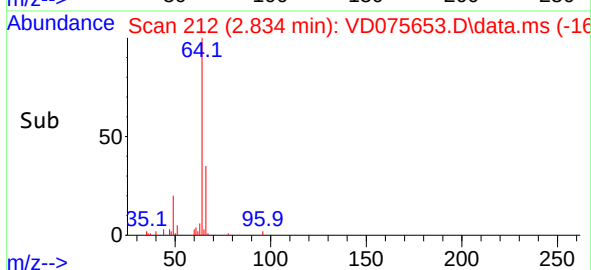
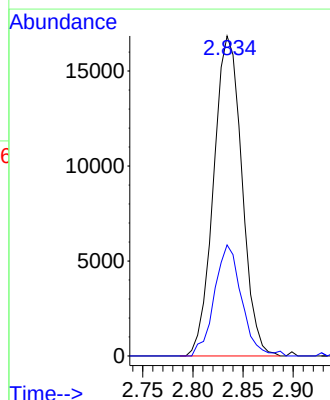
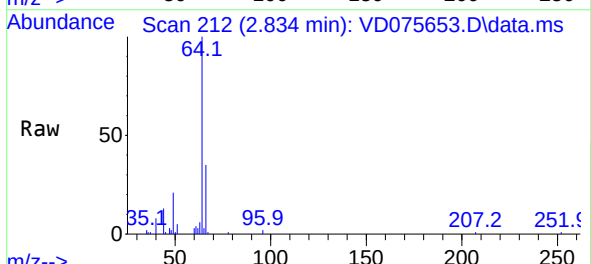
Instrument :  
MSVOA\_D  
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VSTDICC010

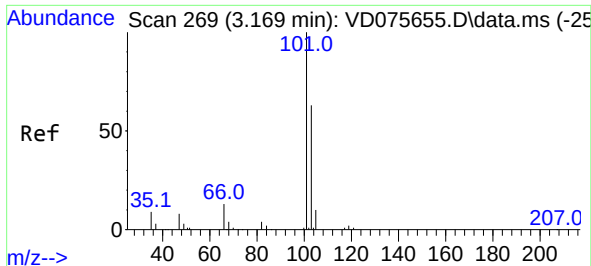
Tgt Ion: 94 Resp: 38888  
Ion Ratio Lower Upper  
94 100  
96 94.3 77.5 116.3



#6  
Chloroethane  
Concen: 10.976 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 64 Resp: 33037  
Ion Ratio Lower Upper  
64 100  
66 34.7 27.7 41.5

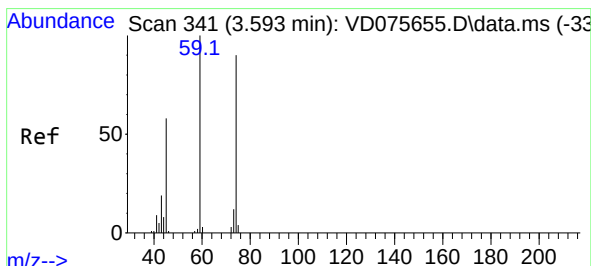
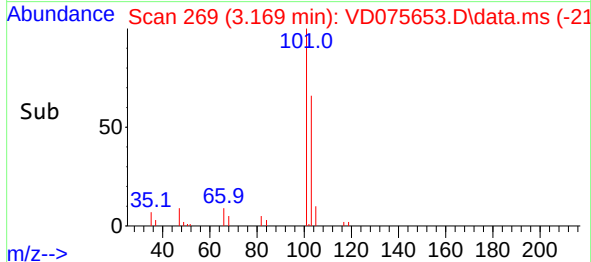
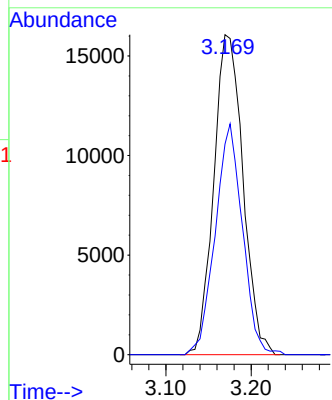
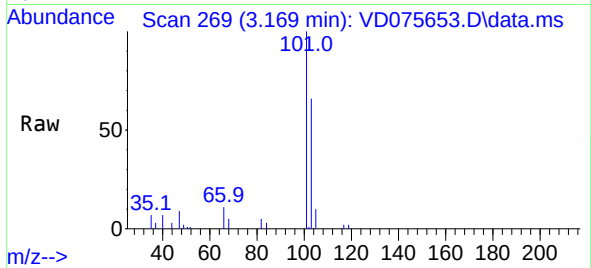




#7  
Trichlorofluoromethane  
Concen: 11.042 ug/l  
RT: 3.169 min Scan# 207  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

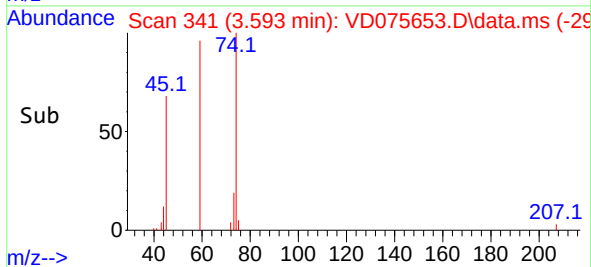
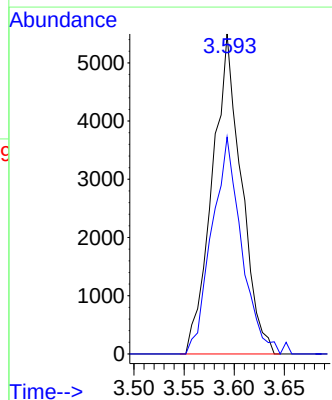
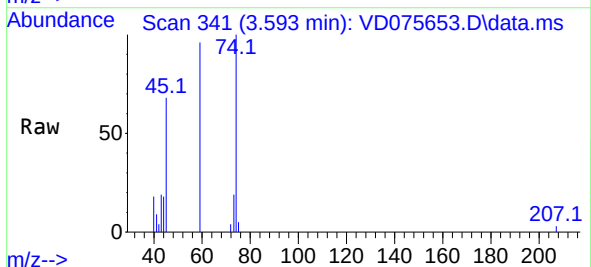
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 38245  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.9 77.9

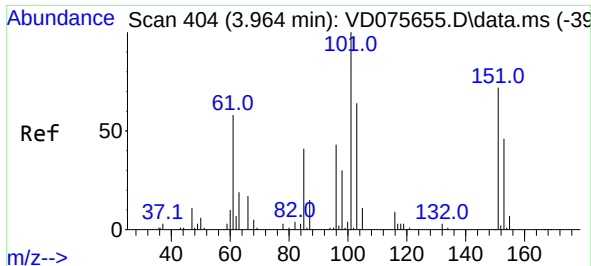


#8  
Diethyl Ether  
Concen: 10.317 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 74 Resp: 11122  
Ion Ratio Lower Upper  
74 100  
45 69.7 50.9 152.7



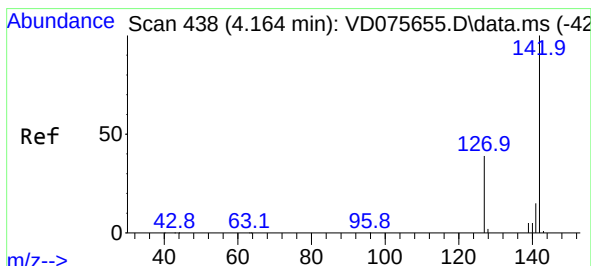
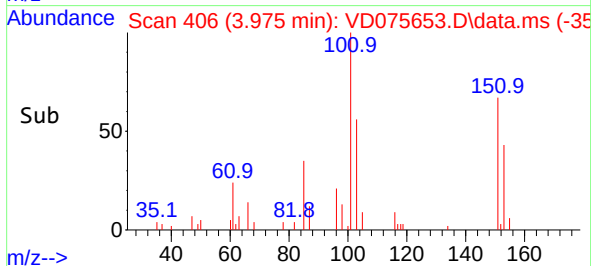
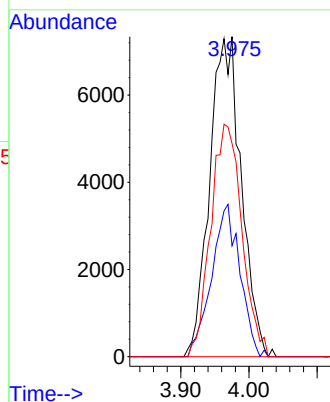
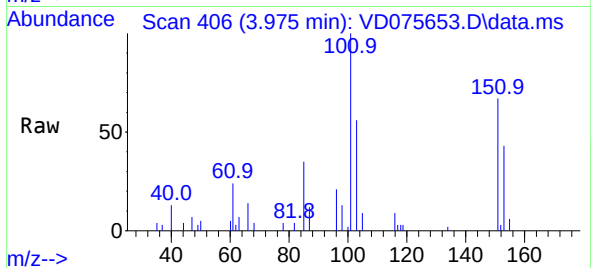




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.898 ug/l  
RT: 3.975 min Scan# 406  
Delta R.T. 0.011 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

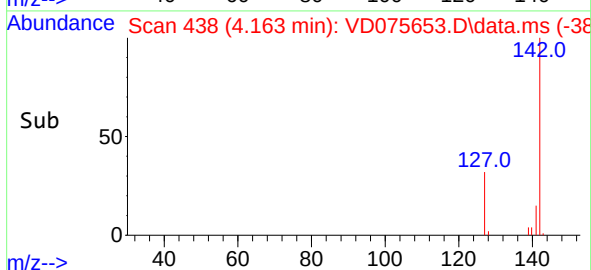
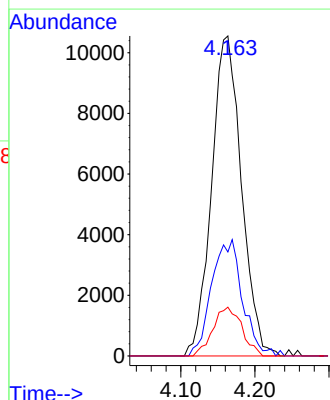
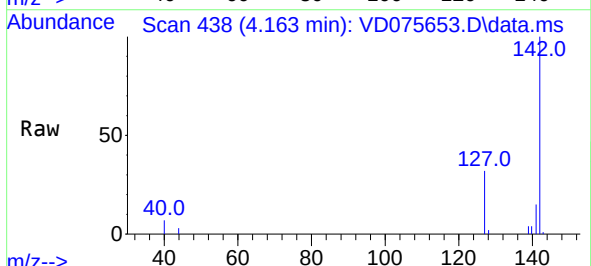
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

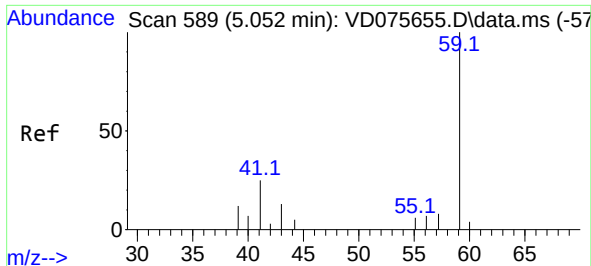
Tgt Ion:101 Resp: 23671  
Ion Ratio Lower Upper  
101 100  
85 42.8 38.3 57.5  
151 71.7 60.4 90.6



#10  
Methyl Iodide  
Concen: 9.933 ug/l  
RT: 4.163 min Scan# 438  
Delta R.T. -0.001 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion:142 Resp: 29528  
Ion Ratio Lower Upper  
142 100  
127 37.6 37.1 55.7  
141 14.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 48.614 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

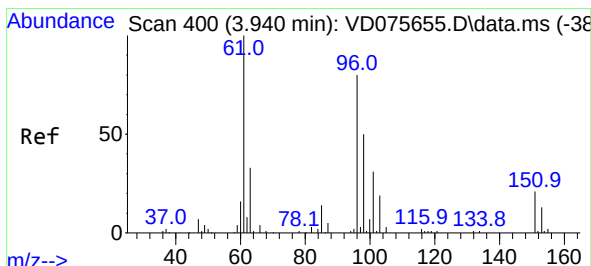
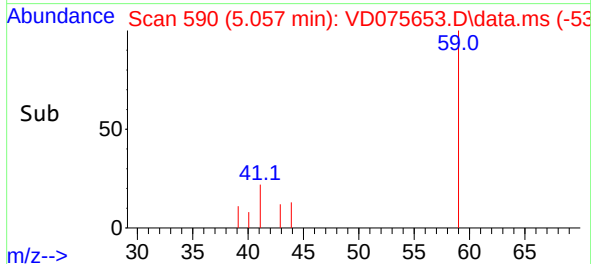
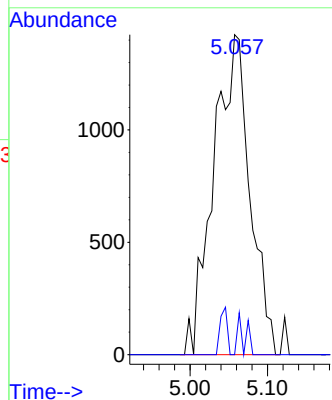
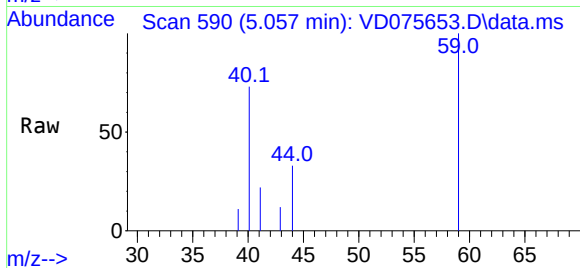
VSTDIC010

Tgt Ion: 59 Resp: 4650

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 10.604 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

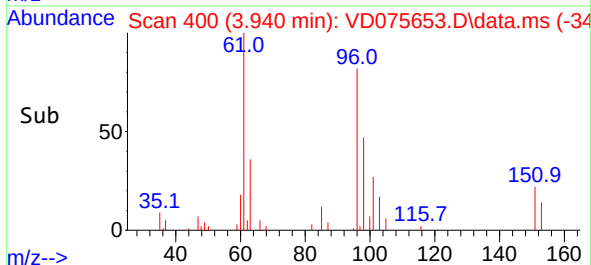
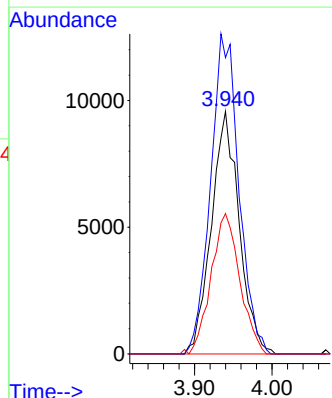
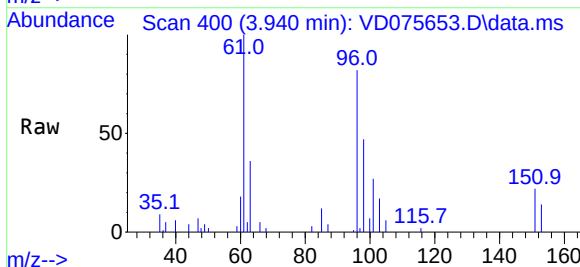
Tgt Ion: 96 Resp: 23849

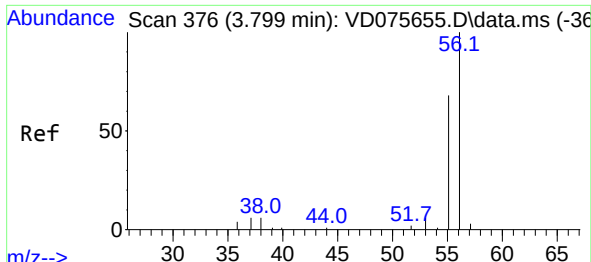
Ion Ratio Lower Upper

96 100

61 122.1 118.6 177.8

98 57.8 49.7 74.5

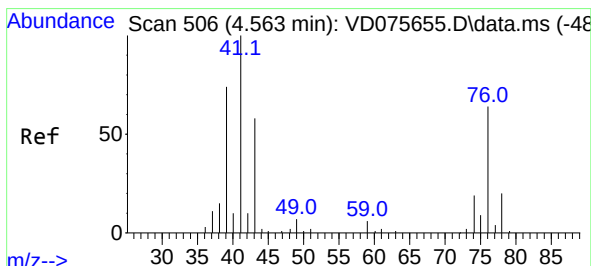
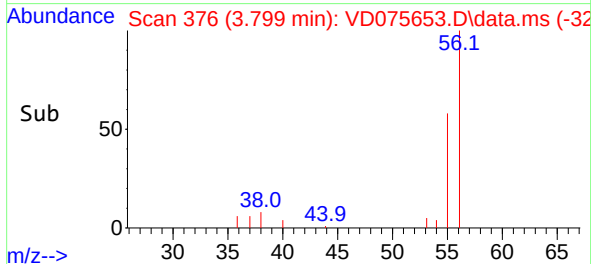
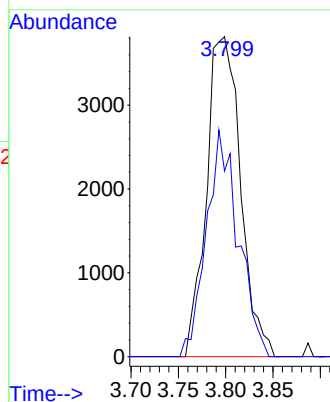
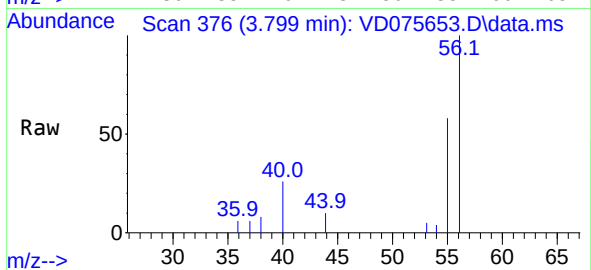




#13  
Acrolein  
Concen: 49.659 ug/l  
RT: 3.799 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

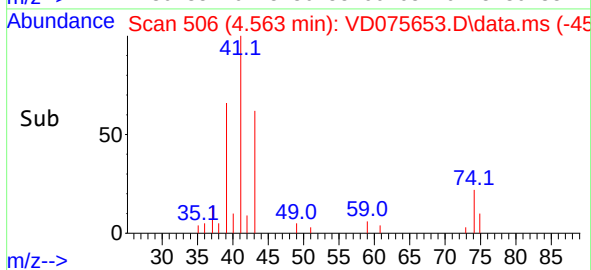
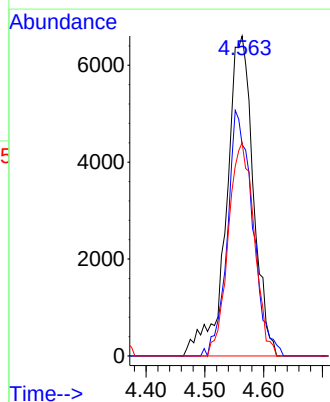
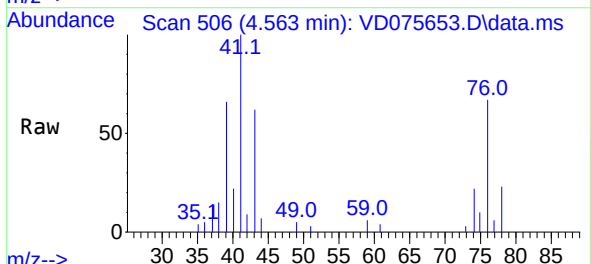
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

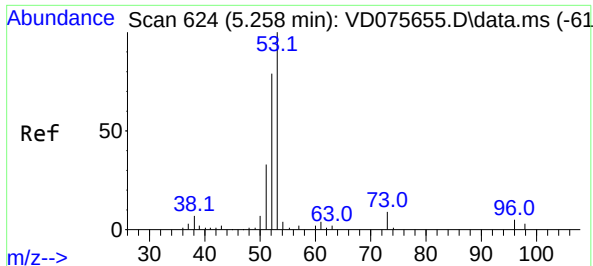
Tgt Ion: 56 Resp: 9581  
Ion Ratio Lower Upper  
56 100  
55 66.2 53.9 80.9



#14  
Allyl chloride  
Concen: 10.251 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 41 Resp: 20997  
Ion Ratio Lower Upper  
41 100  
39 71.5 60.6 90.8  
76 64.1 28.6 43.0#

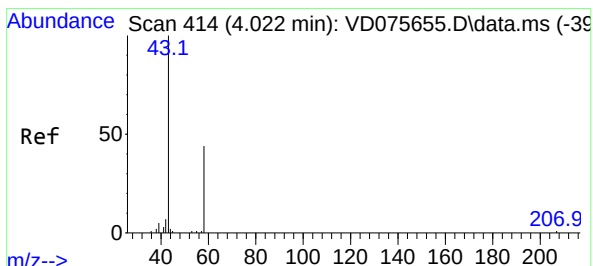
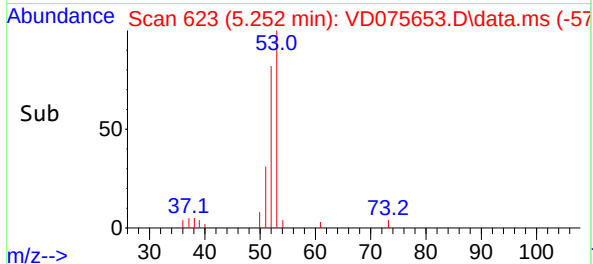
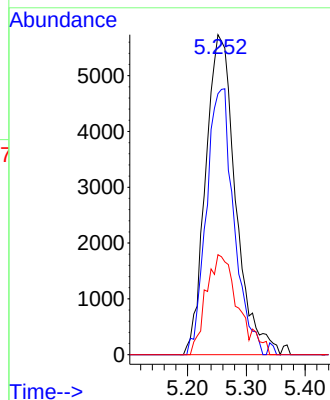
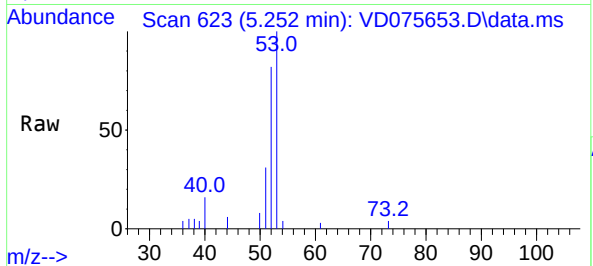




#15  
Acrylonitrile  
Concen: 50.453 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

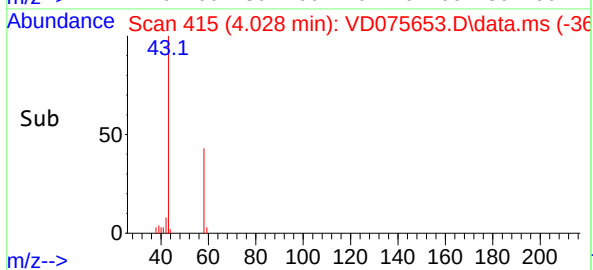
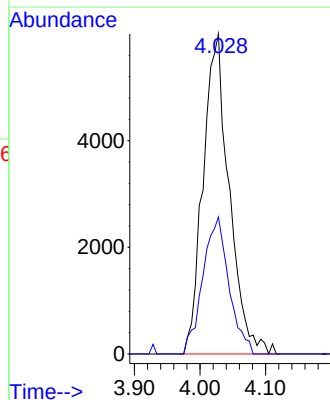
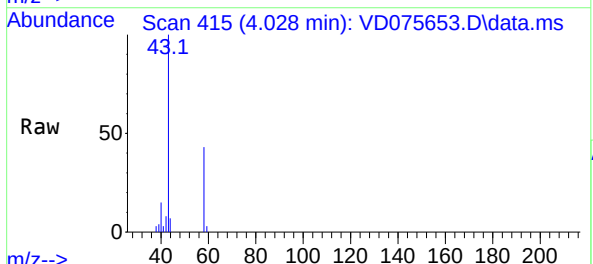
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

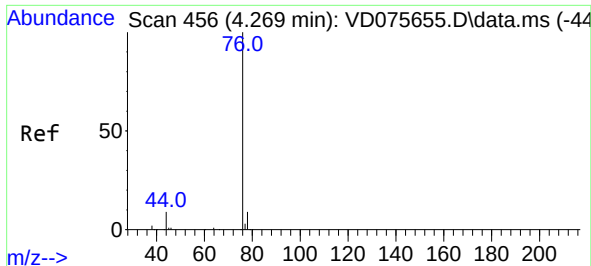
Tgt Ion: 53 Resp: 20315  
Ion Ratio Lower Upper  
53 100  
52 76.3 66.2 99.4  
51 33.6 30.7 46.1



#16  
Acetone  
Concen: 47.603 ug/l  
RT: 4.028 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 43 Resp: 16621  
Ion Ratio Lower Upper  
43 100  
58 42.8 24.4 36.6#

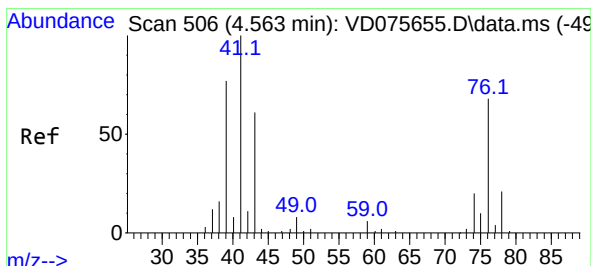
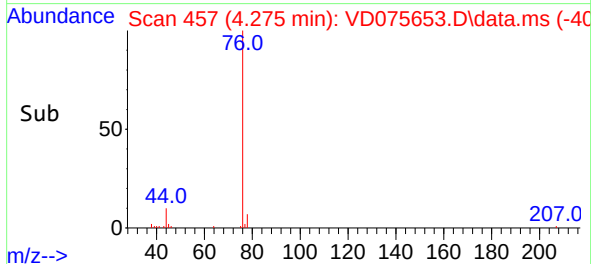
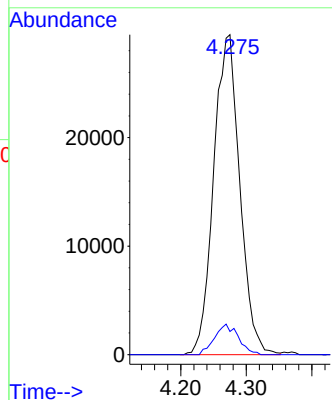
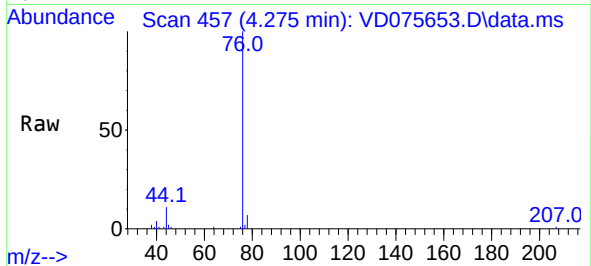




#17  
Carbon Disulfide  
Concen: 11.070 ug/l  
RT: 4.275 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

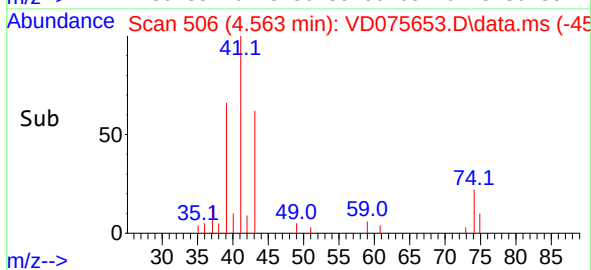
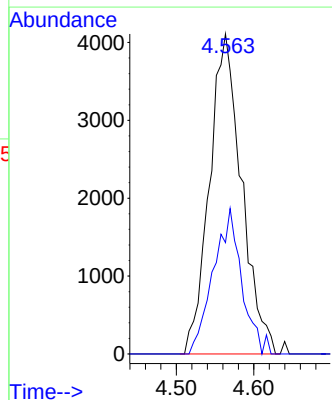
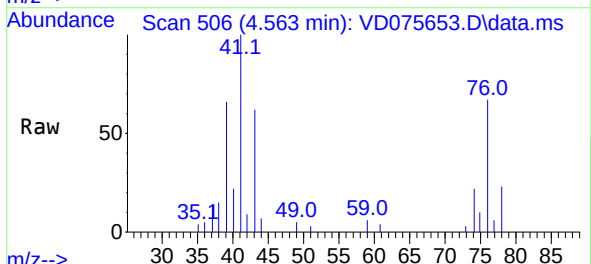
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

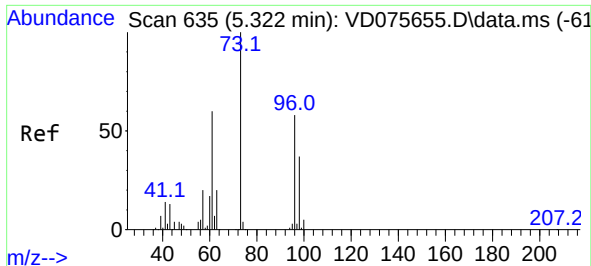
Tgt Ion: 76 Resp: 81475  
Ion Ratio Lower Upper  
76 100  
78 7.3 8.0 12.0#



#18  
Methyl Acetate  
Concen: 10.060 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 43 Resp: 11845  
Ion Ratio Lower Upper  
43 100  
74 40.2 17.8 26.6#

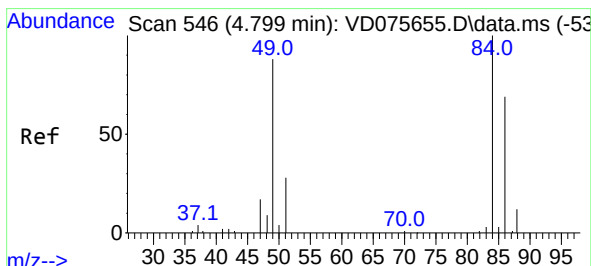
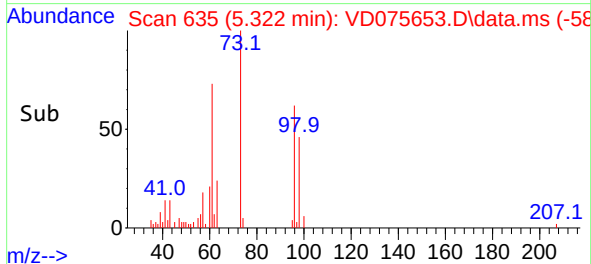
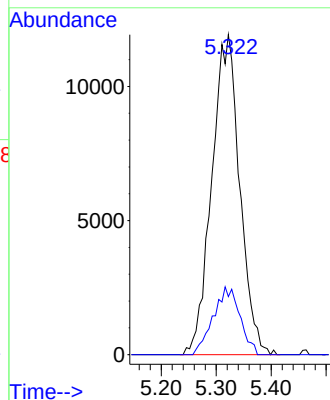
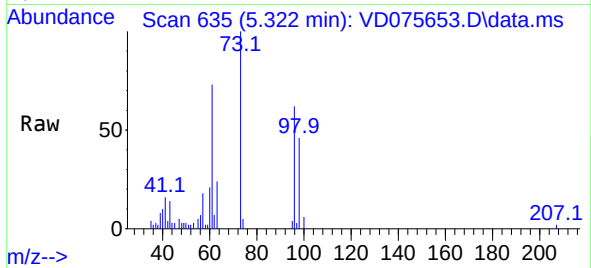




#19  
Methyl tert-butyl Ether  
Concen: 9.655 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

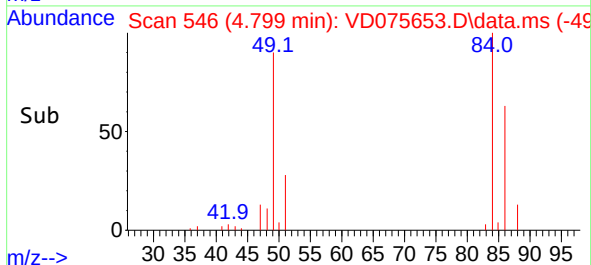
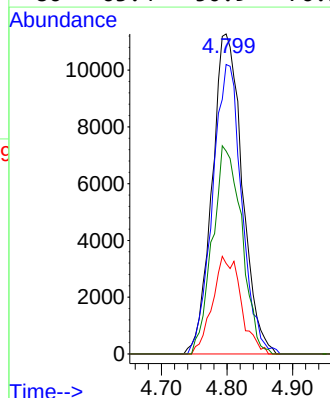
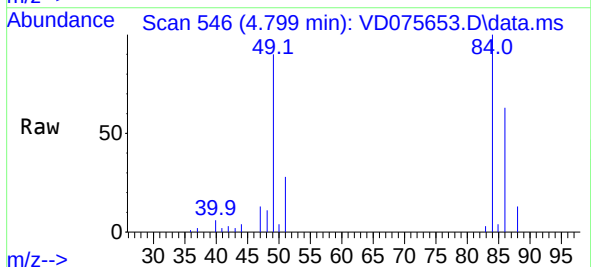
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

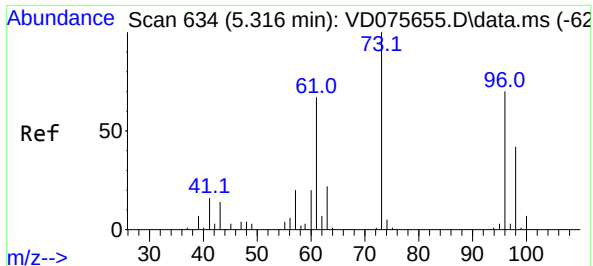
Tgt Ion: 73 Resp: 42141  
Ion Ratio Lower Upper  
73 100  
57 18.2 17.2 25.8



#20  
Methylene Chloride  
Concen: 9.570 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 84 Resp: 35923  
Ion Ratio Lower Upper  
84 100  
49 90.5 106.4 159.6#  
51 28.3 32.4 48.6#  
86 63.4 50.9 76.3

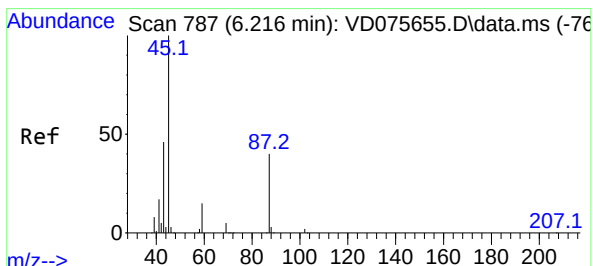
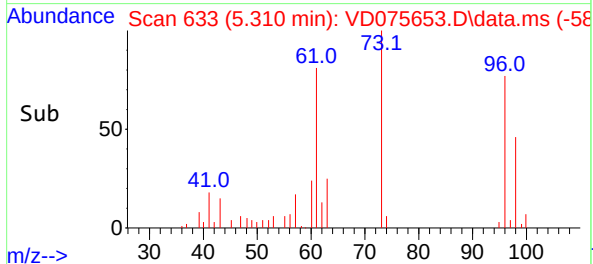
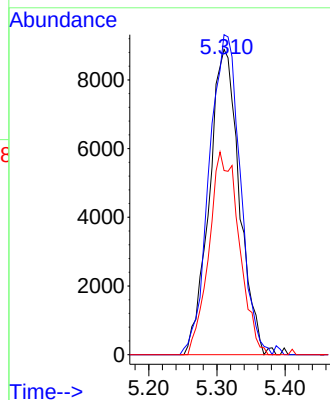
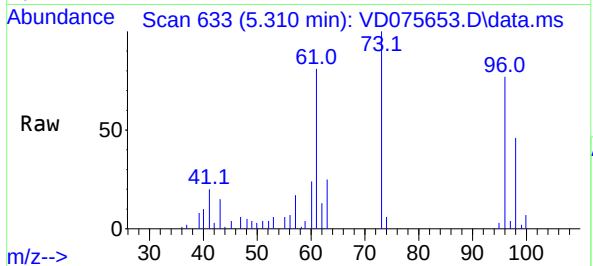




#21  
trans-1,2-Dichloroethene  
Concen: 10.211 ug/l  
RT: 5.310 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

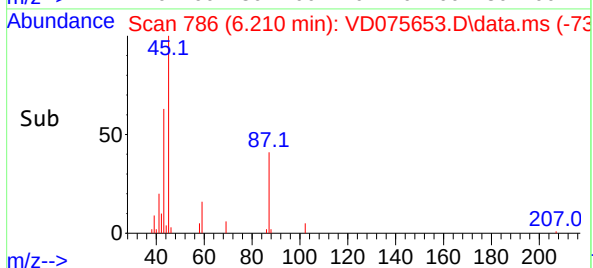
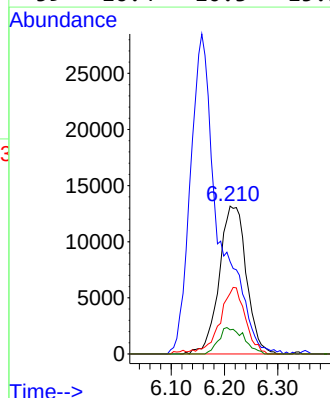
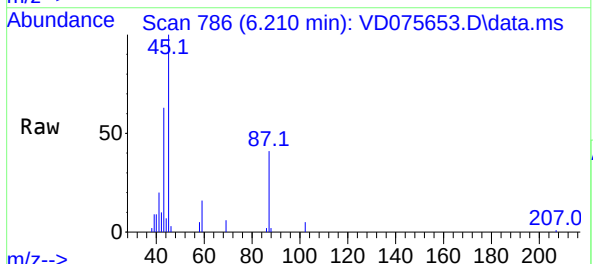
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

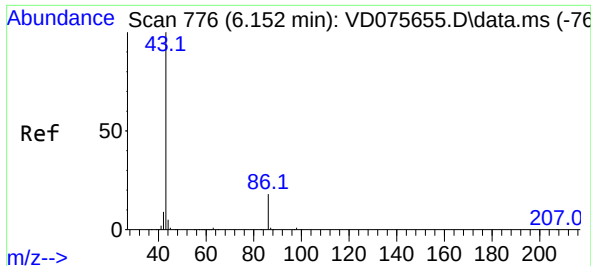
Tgt Ion: 96 Resp: 27349  
Ion Ratio Lower Upper  
96 100  
61 104.8 117.2 175.8#  
98 60.3 50.6 76.0



#22  
Diisopropyl ether  
Concen: 10.082 ug/l  
RT: 6.210 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 45 Resp: 46660  
Ion Ratio Lower Upper  
45 100  
43 60.2 44.4 66.6  
87 41.0 20.9 31.3#  
59 16.4 10.3 15.5#

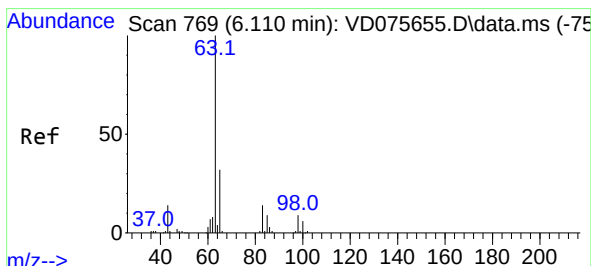
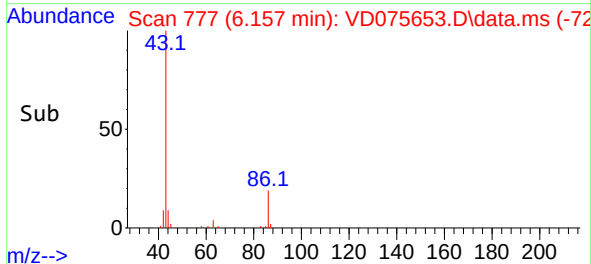
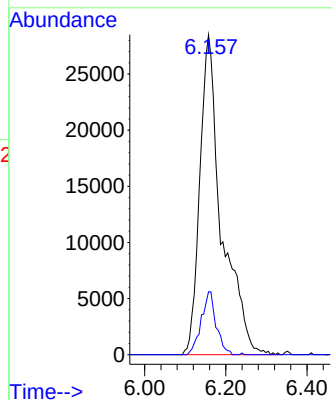
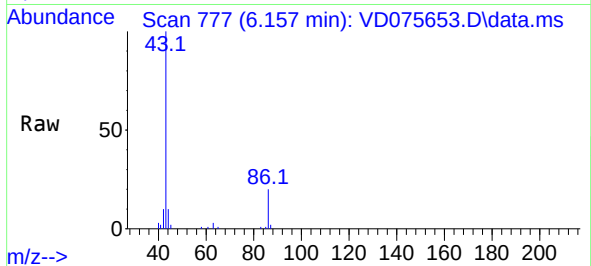




#23  
Vinyl Acetate  
Concen: 49.535 ug/l  
RT: 6.157 min Scan# 776  
Delta R.T. 0.005 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

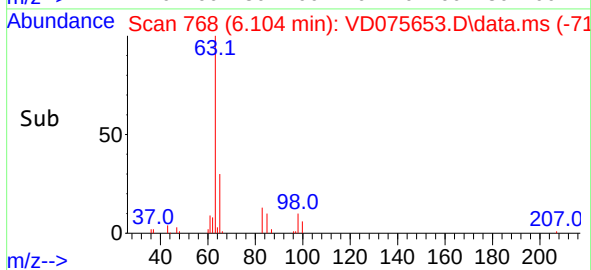
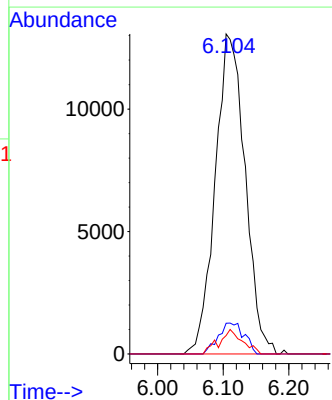
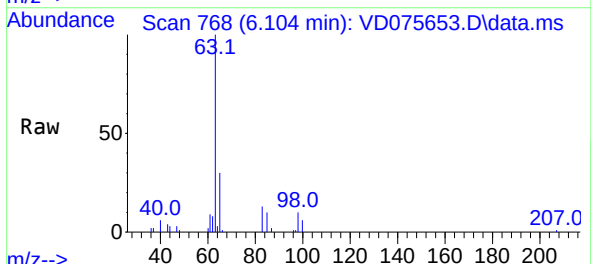
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

Tgt Ion: 43 Resp: 106486  
Ion Ratio Lower Upper  
43 100  
86 19.7 9.0 13.6#

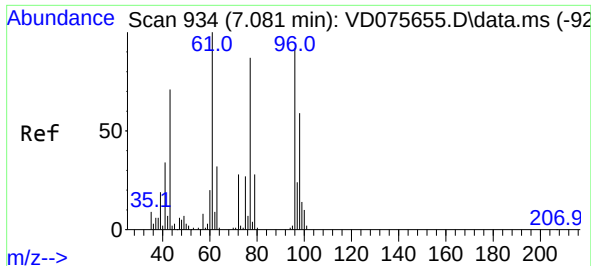


#24  
1,1-Dichloroethane  
Concen: 10.755 ug/l  
RT: 6.104 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 63 Resp: 41247  
Ion Ratio Lower Upper  
63 100  
98 9.6 3.9 11.7  
100 5.8 2.0 6.0



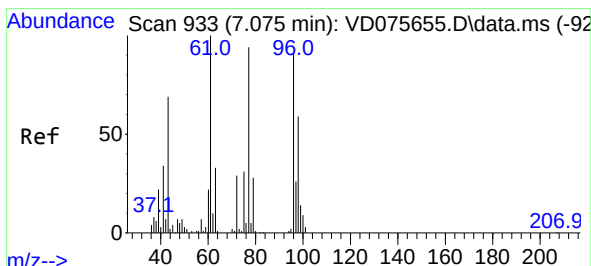
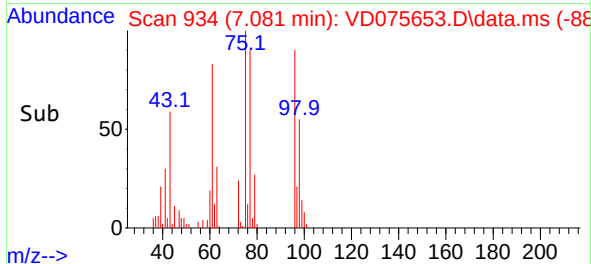
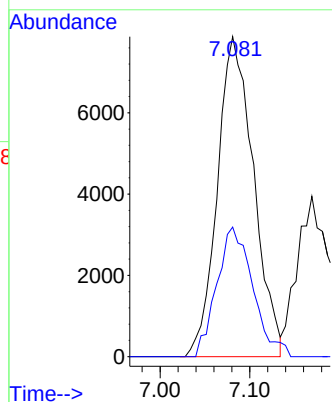
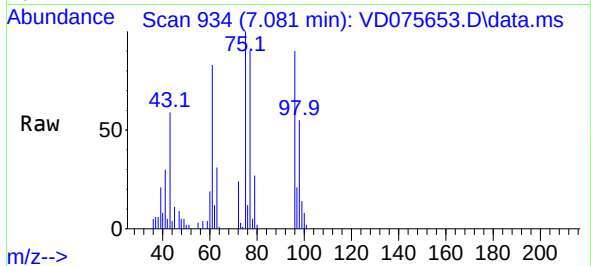




#25  
2-Butanone  
Concen: 49.043 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

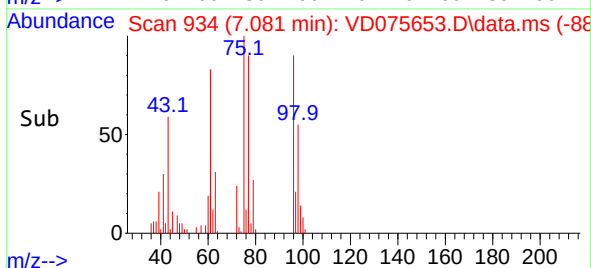
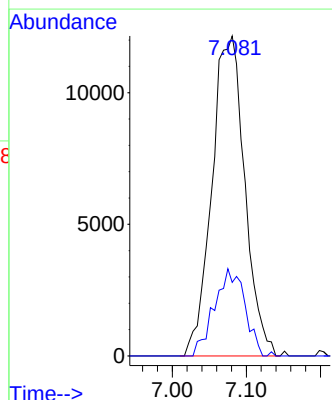
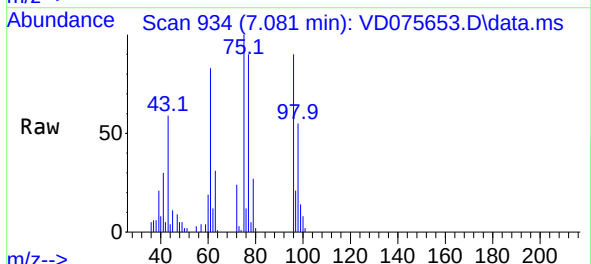
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

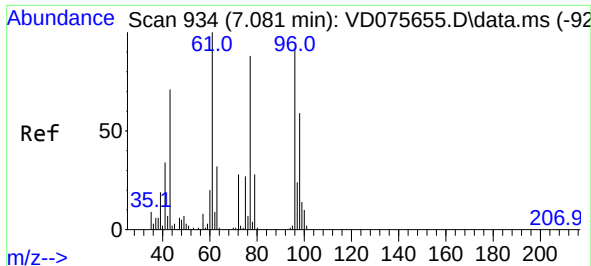
Tgt Ion: 43 Resp: 22048  
Ion Ratio Lower Upper  
43 100  
72 40.5 19.8 29.8#



#26  
2,2-Dichloropropane  
Concen: 10.745 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 77 Resp: 37359  
Ion Ratio Lower Upper  
77 100  
97 25.1 11.1 33.1

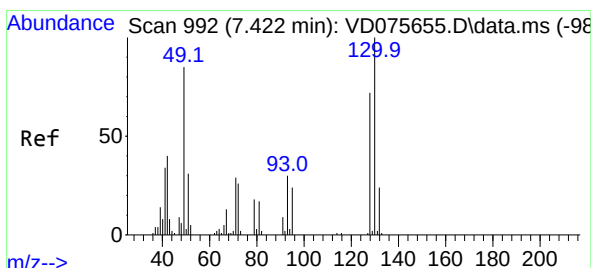
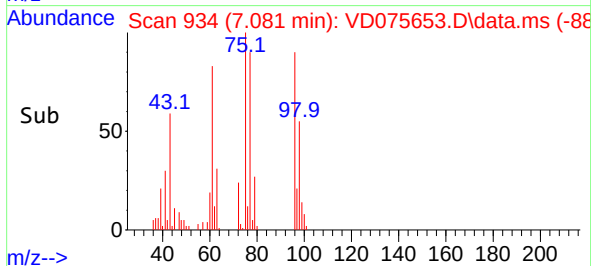
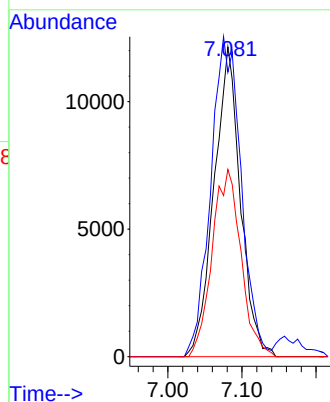
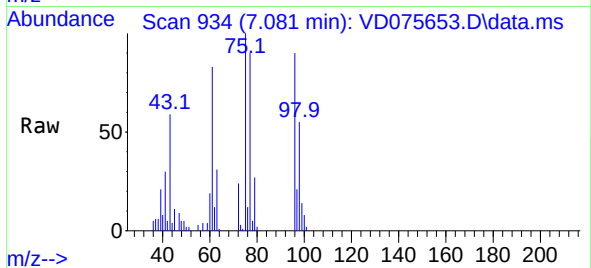




#27  
cis-1,2-Dichloroethene  
Concen: 10.154 ug/l  
RT: 7.081 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

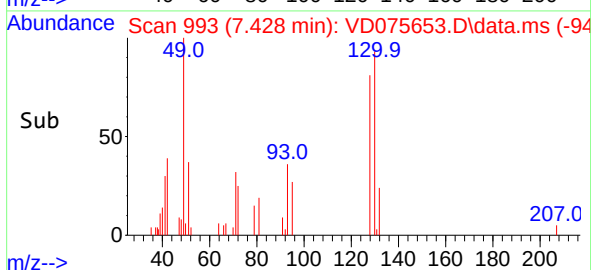
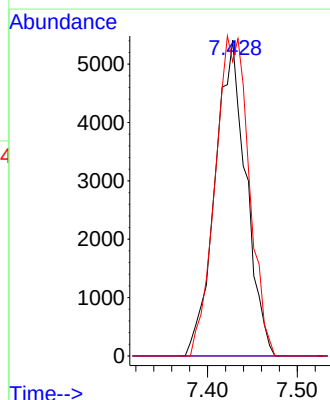
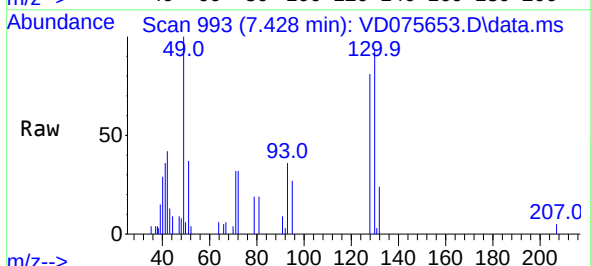
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

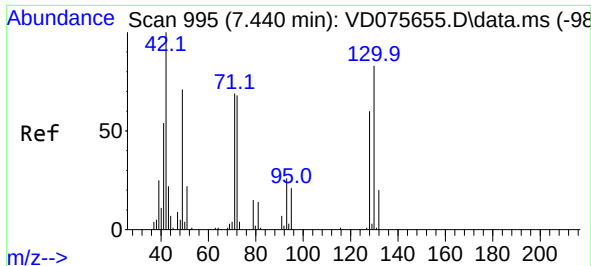
Tgt Ion: 96 Resp: 30128  
Ion Ratio Lower Upper  
96 100  
61 118.2 0.0 295.2  
98 65.9 0.0 129.2



#28  
Bromochloromethane  
Concen: 10.716 ug/l  
RT: 7.428 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 49 Resp: 12991  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 2.2  
130 110.5 56.0 84.0#





#29

Tetrahydrofuran

Concen: 47.851 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

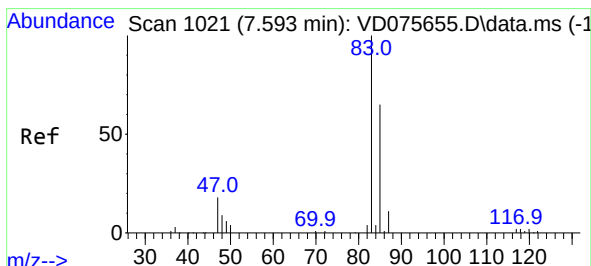
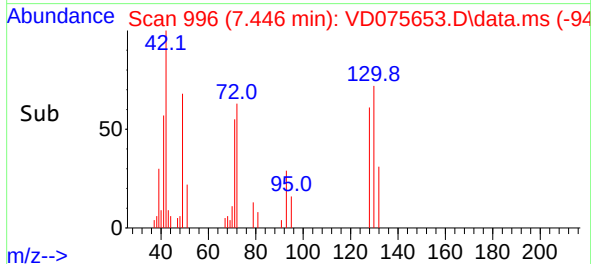
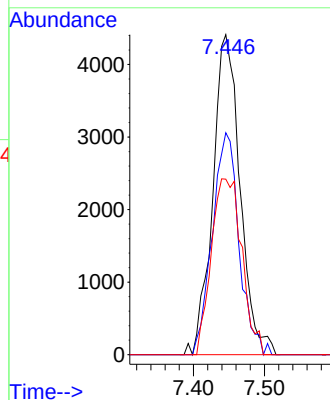
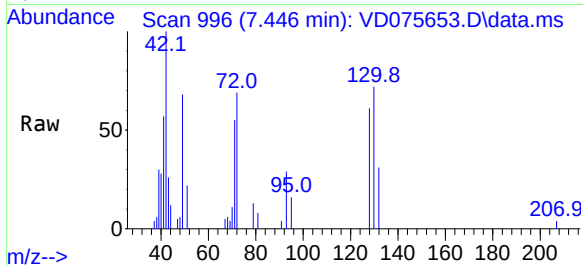
Tgt Ion: 42 Resp: 11764

Ion Ratio Lower Upper

42 100

72 68.0 31.8 47.6#

71 61.4 27.6 41.4#



#30

Chloroform

Concen: 10.759 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075653.D

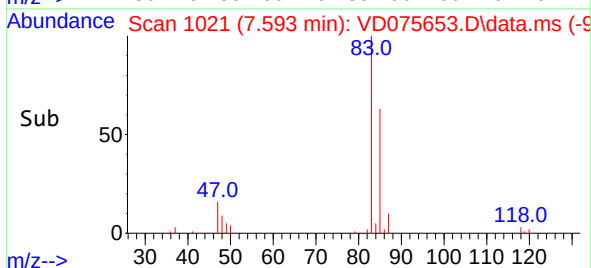
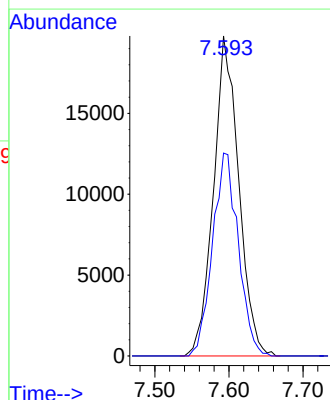
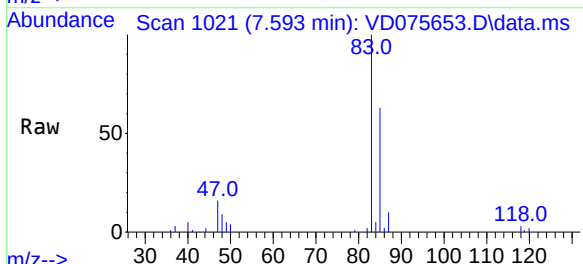
Acq: 13 Apr 2023 10:50

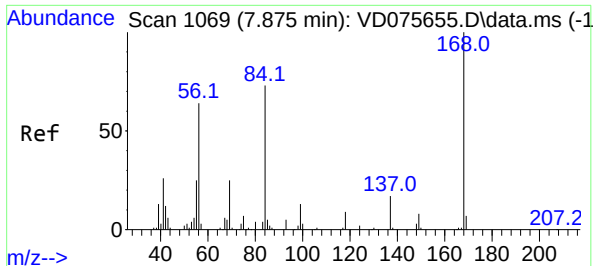
Tgt Ion: 83 Resp: 46775

Ion Ratio Lower Upper

83 100

85 63.4 49.4 74.2

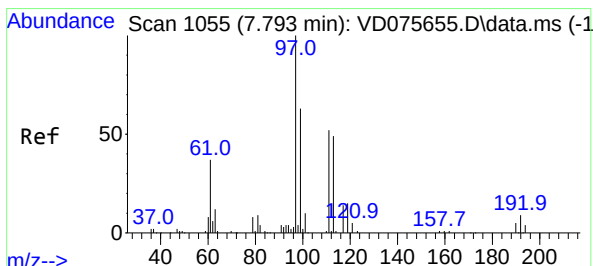
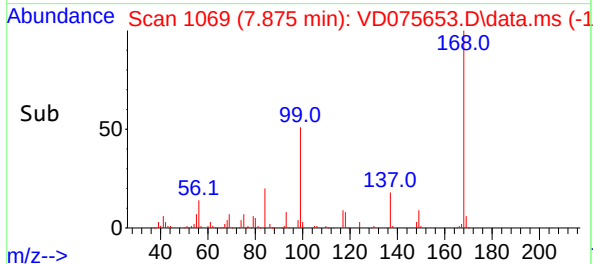
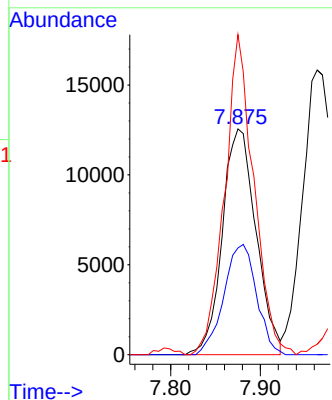
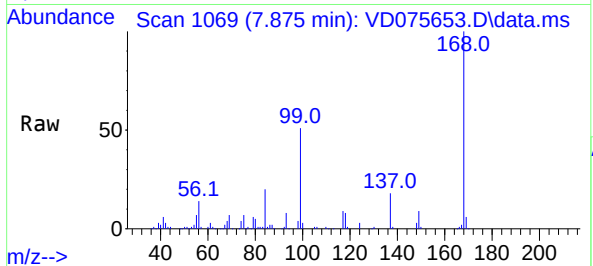




#31  
Cyclohexane  
Concen: 10.953 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

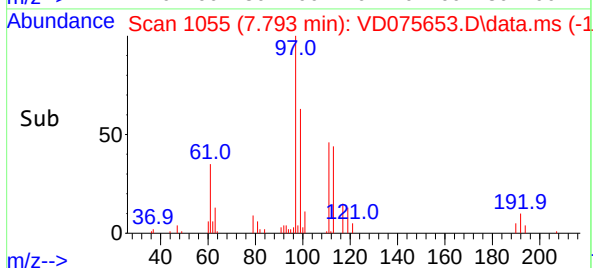
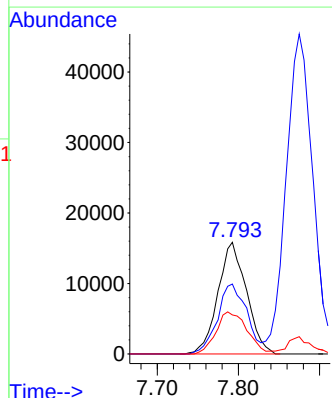
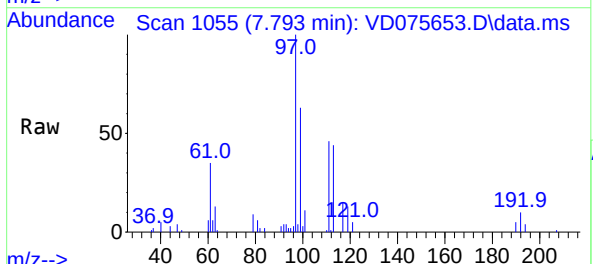
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

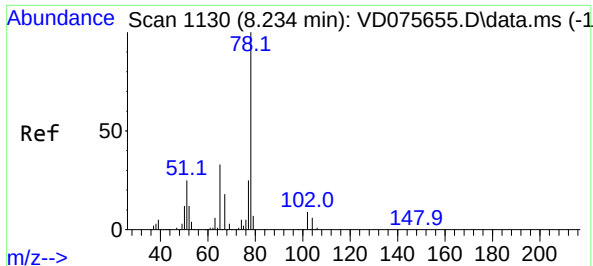
Tgt Ion: 56 Resp: 32758  
Ion Ratio Lower Upper  
56 100  
69 47.3 25.5 38.3#  
84 140.2 69.6 104.4#



#32  
1,1,1-Trichloroethane  
Concen: 10.888 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 97 Resp: 38600  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.5 75.7  
61 40.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 10.241 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

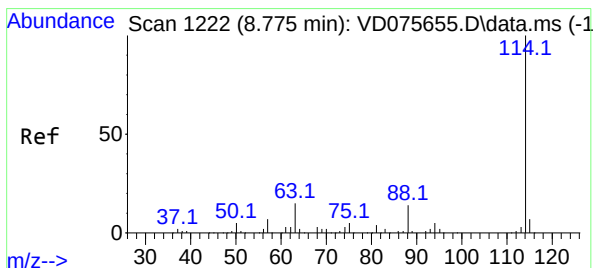
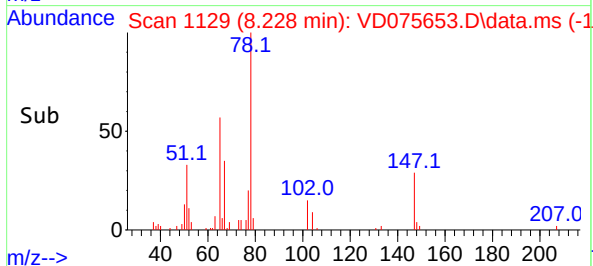
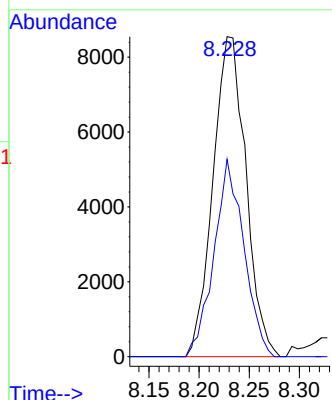
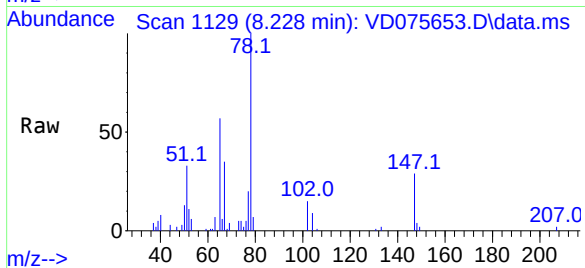
VSTDIC010

Tgt Ion: 65 Resp: 19518

Ion Ratio Lower Upper

65 100

67 56.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

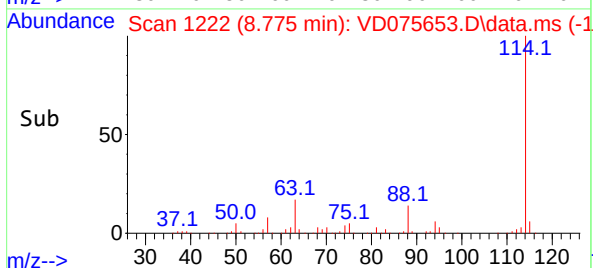
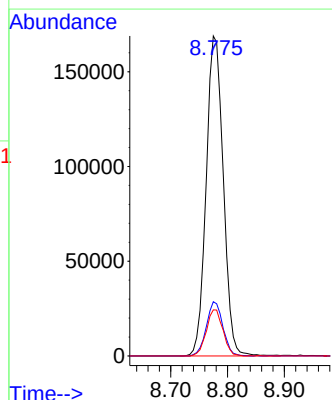
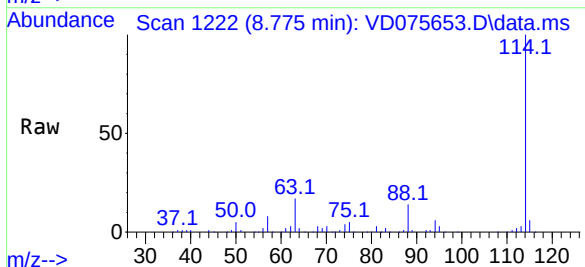
Tgt Ion:114 Resp: 352668

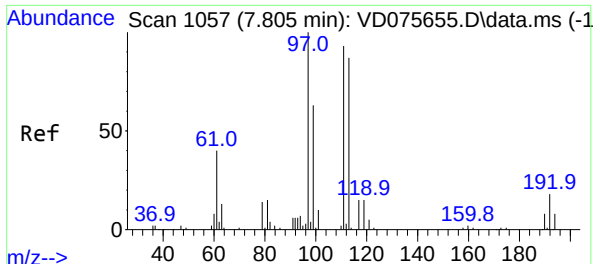
Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 14.4 0.0 30.6

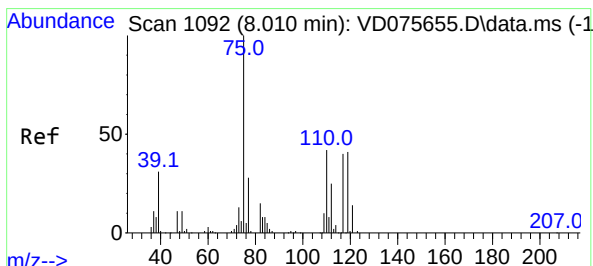
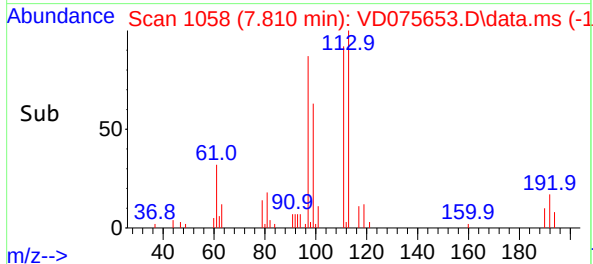
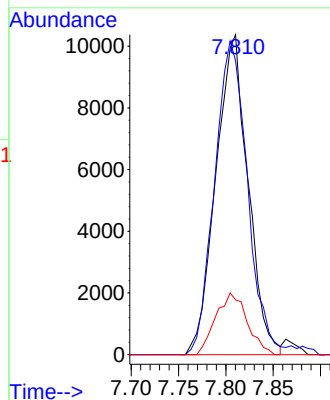
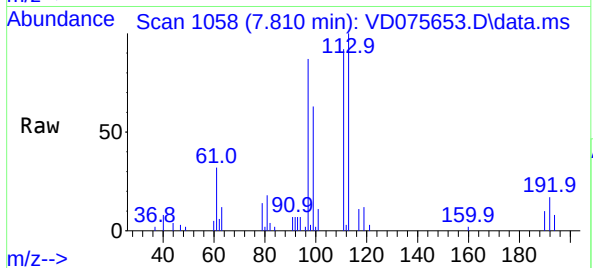




#35  
Dibromofluoromethane  
Concen: 10.291 ug/l  
RT: 7.810 min Scan# 1057  
Delta R.T. 0.005 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

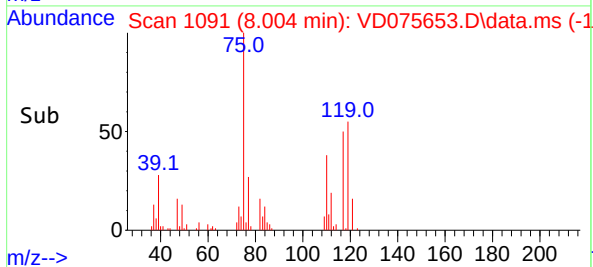
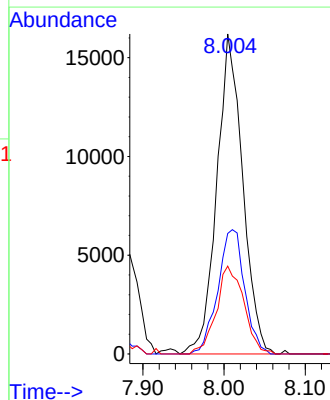
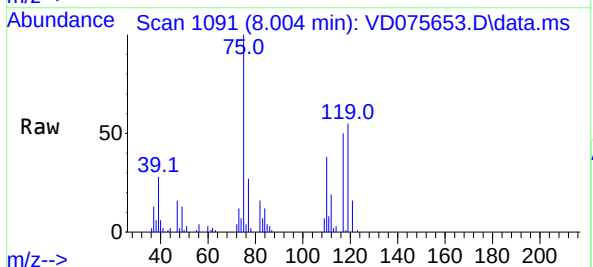
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

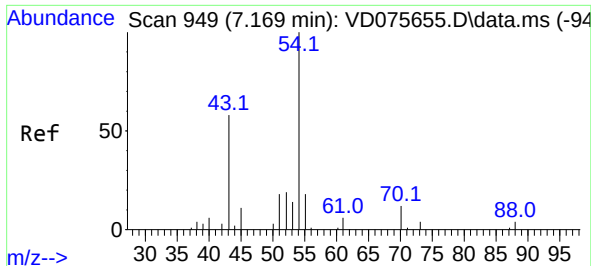
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 24411 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.5 | 81.4  | 122.0 |
| 192      | 19.0  | 15.2  | 22.8  |



#36  
1,1-Dichloropropene  
Concen: 10.956 ug/l  
RT: 8.004 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 35852 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 40.4  | 17.1  | 51.2  |
| 77       | 29.3  | 24.6  | 36.8  |

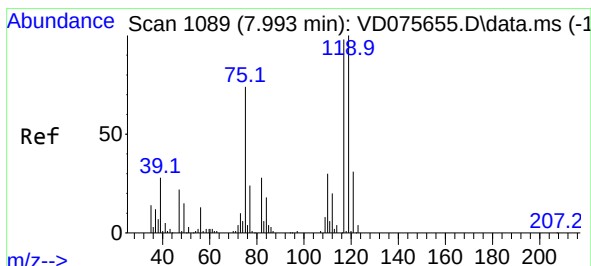
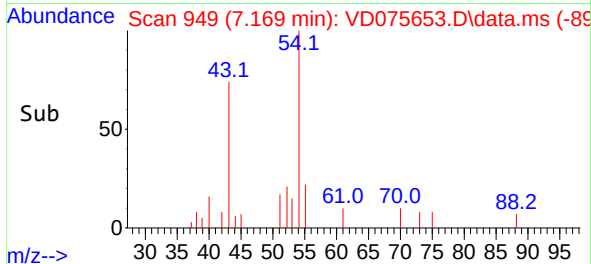
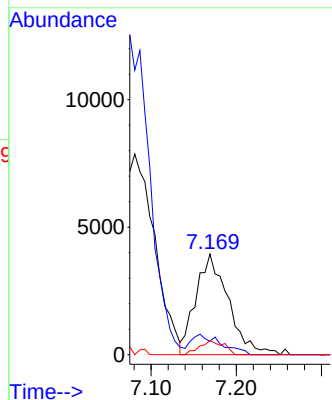
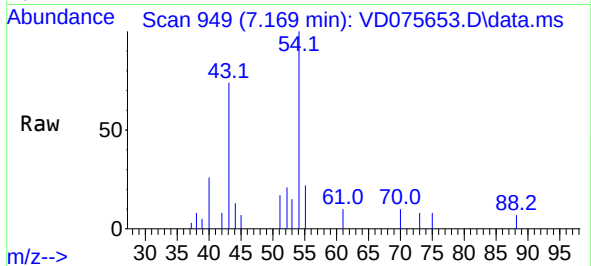




#37  
Ethyl Acetate  
Concen: 10.471 ug/l  
RT: 7.169 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

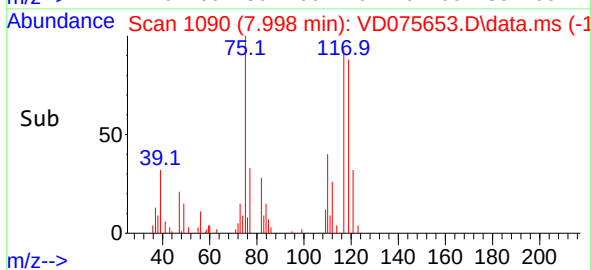
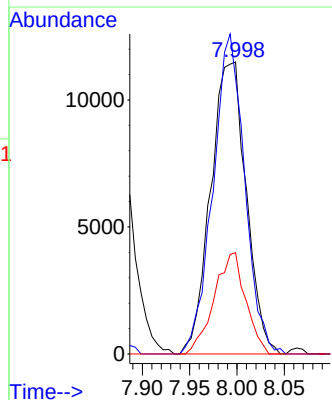
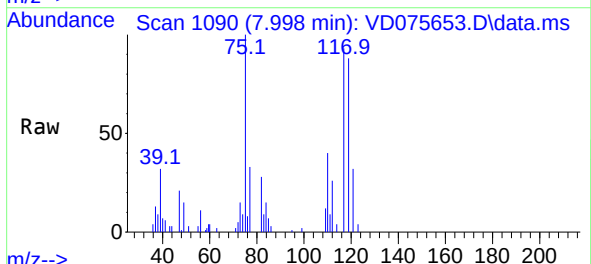
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

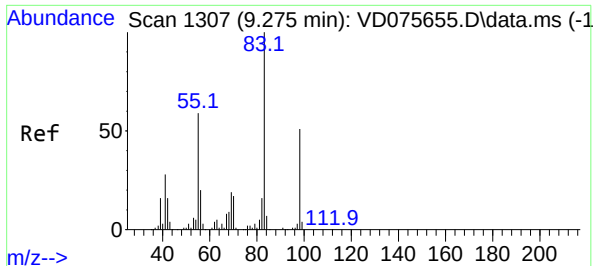
Tgt Ion: 43 Resp: 10428  
Ion Ratio Lower Upper  
43 100  
61 18.6 0.0 0.0#  
70 10.4 5.6 8.4#



#38  
Carbon Tetrachloride  
Concen: 10.435 ug/l  
RT: 7.998 min Scan# 1090  
Delta R.T. 0.005 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 117 Resp: 30072  
Ion Ratio Lower Upper  
117 100  
119 94.3 74.7 112.1  
121 34.7 25.9 38.9





#39

Methylcyclohexane

Concen: 9.797 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC010

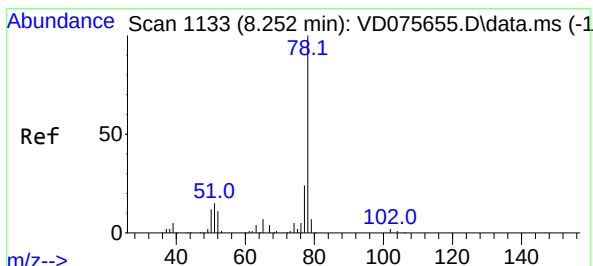
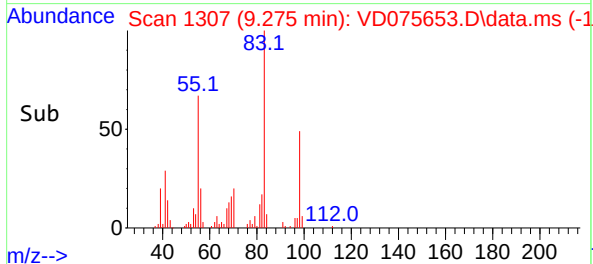
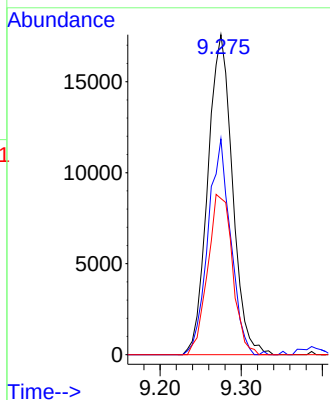
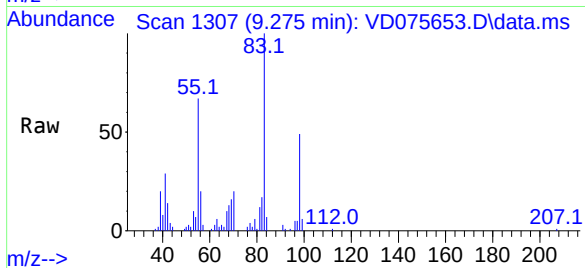
Tgt Ion: 83 Resp: 37072

Ion Ratio Lower Upper

83 100

55 67.4 56.8 85.2

98 48.8 38.9 58.3



#40

Benzene

Concen: 10.396 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075653.D

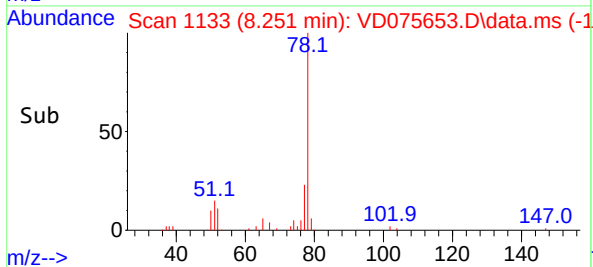
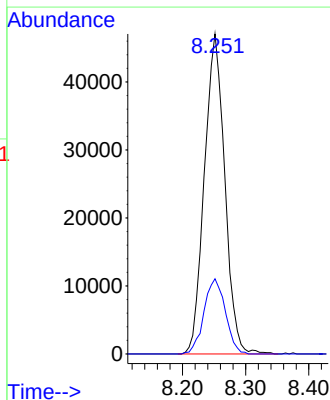
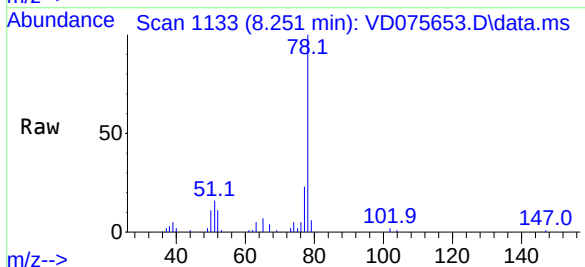
Acq: 13 Apr 2023 10:50

Tgt Ion: 78 Resp: 105760

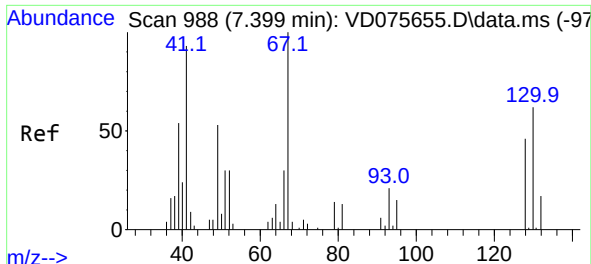
Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



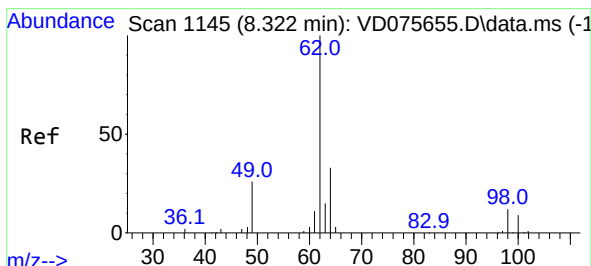
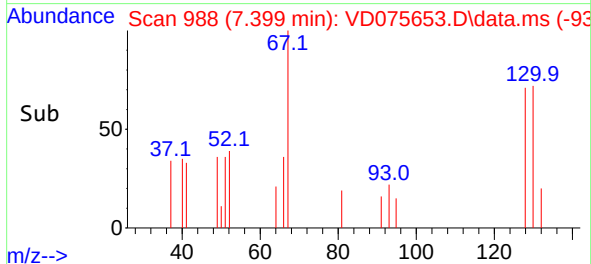
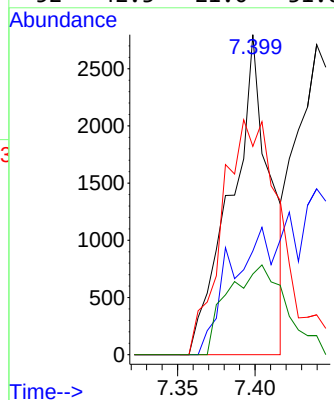
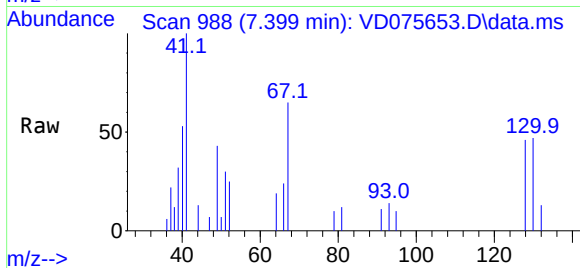




#41  
Methacrylonitrile  
Concen: 10.119 ug/l  
RT: 7.399 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

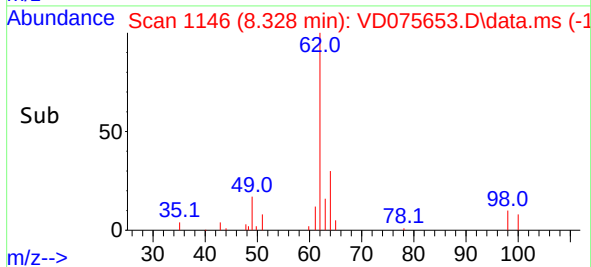
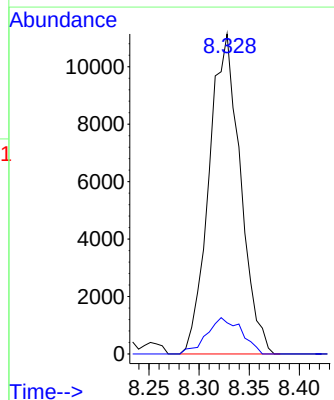
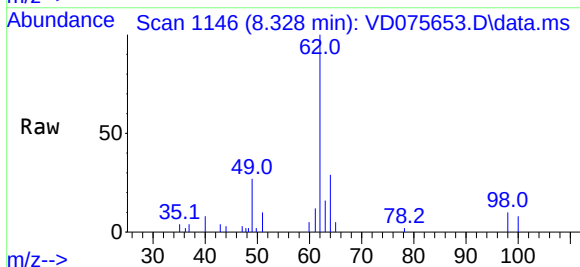
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

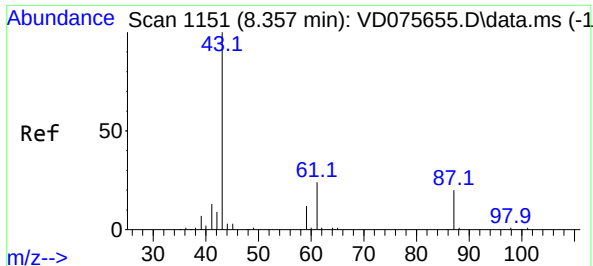
Tgt Ion: 41 Resp: 4836  
Ion Ratio Lower Upper  
41 100  
39 41.4 45.3 67.9#  
67 113.4 50.5 75.7#  
52 42.3 21.0 31.6#



#42  
1,2-Dichloroethane  
Concen: 10.486 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 62 Resp: 24230  
Ion Ratio Lower Upper  
62 100  
98 12.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 9.920 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

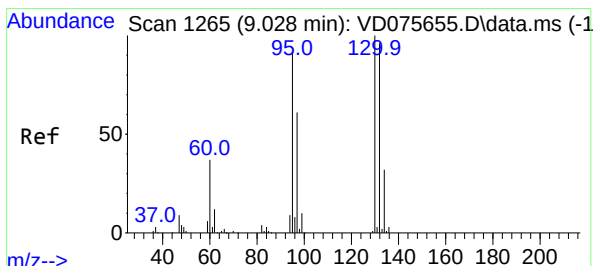
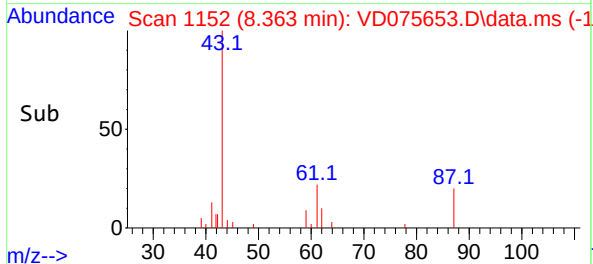
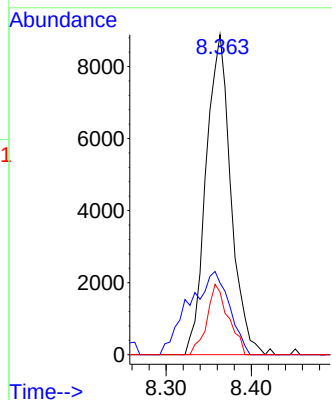
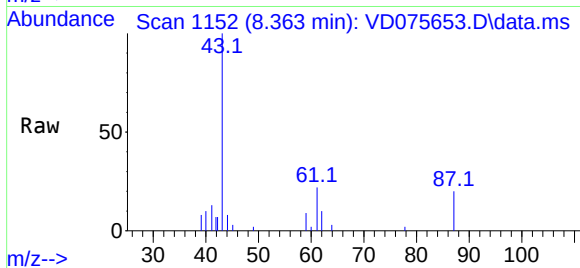
Tgt Ion: 43 Resp: 18015

Ion Ratio Lower Upper

43 100

61 42.1 23.4 35.0#

87 19.0 9.5 14.3#



#44

Trichloroethene

Concen: 10.309 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075653.D

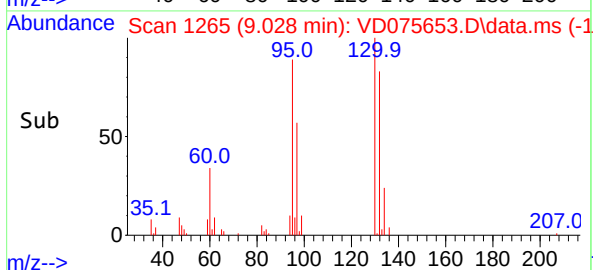
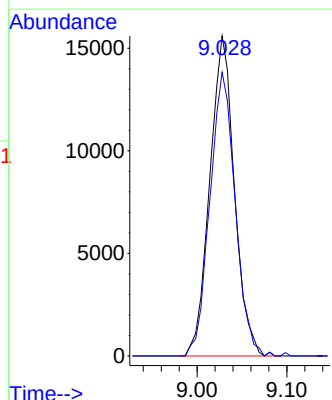
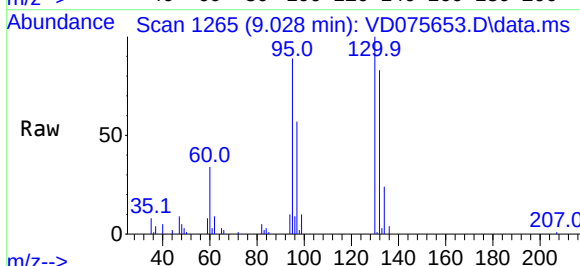
Acq: 13 Apr 2023 10:50

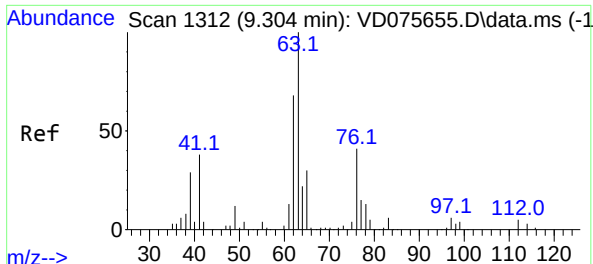
Tgt Ion:130 Resp: 29680

Ion Ratio Lower Upper

130 100

95 88.6 0.0 197.6

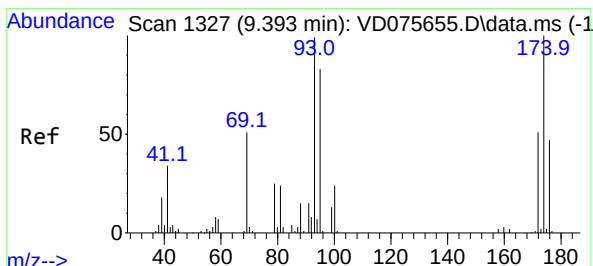
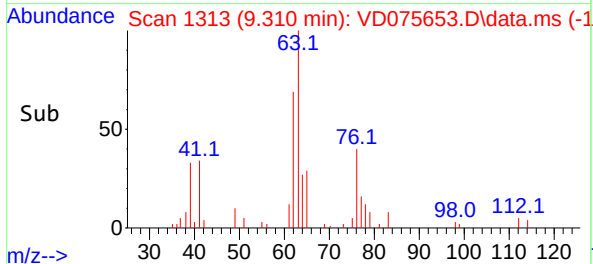
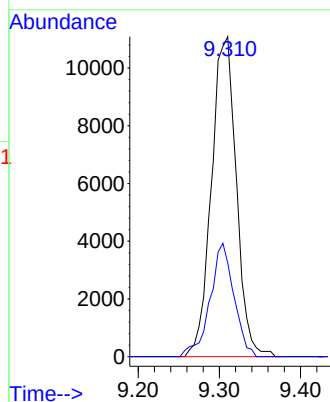
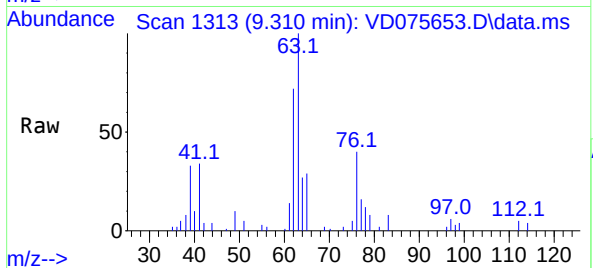




#45  
1,2-Dichloropropane  
Concen: 10.372 ug/l  
RT: 9.310 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

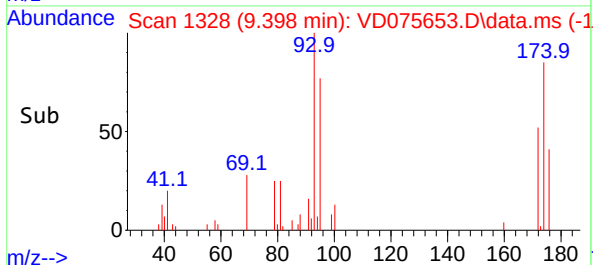
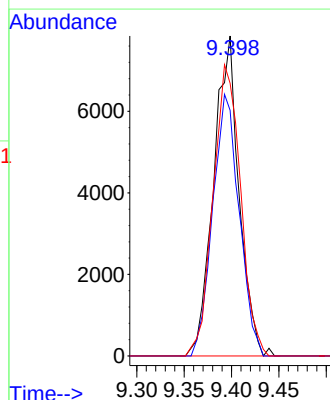
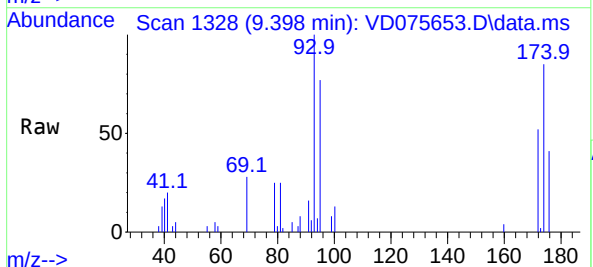
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

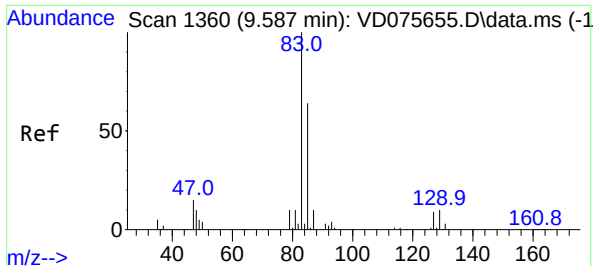
Tgt Ion: 63 Resp: 23646  
Ion Ratio Lower Upper  
63 100  
65 29.3 23.0 34.4



#46  
Dibromomethane  
Concen: 10.116 ug/l  
RT: 9.398 min Scan# 1328  
Delta R.T. 0.005 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 93 Resp: 14630  
Ion Ratio Lower Upper  
93 100  
95 85.2 64.5 96.7  
174 98.3 76.2 114.4

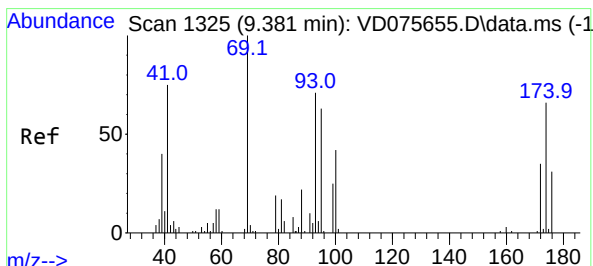
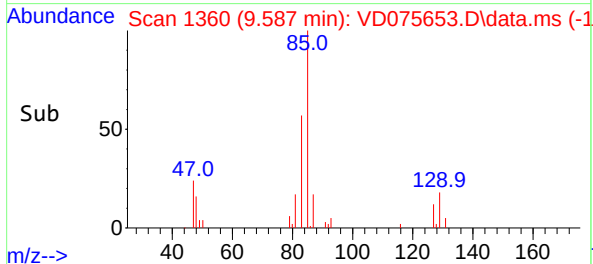
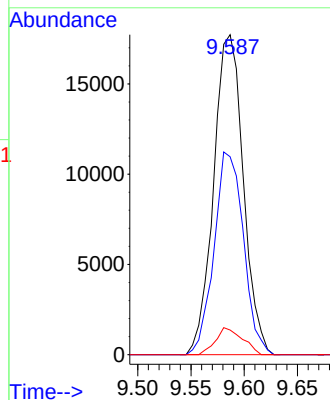
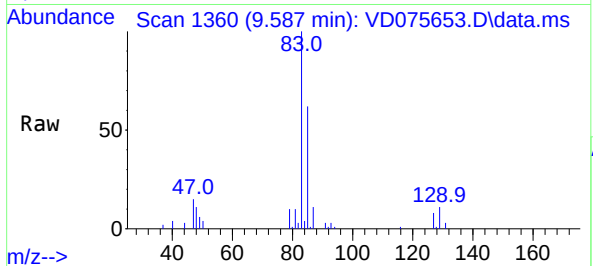




#47  
Bromodichloromethane  
Concen: 10.381 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

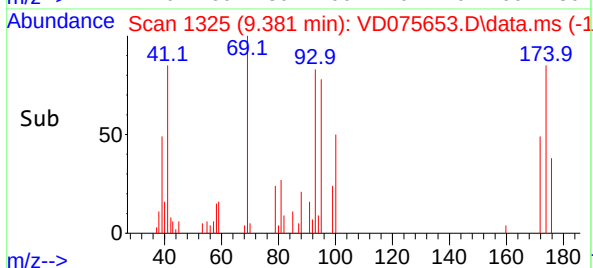
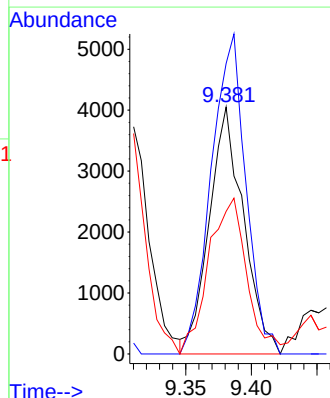
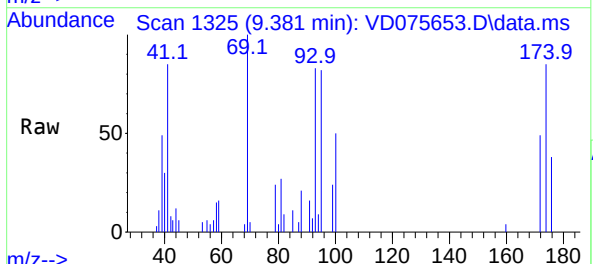
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

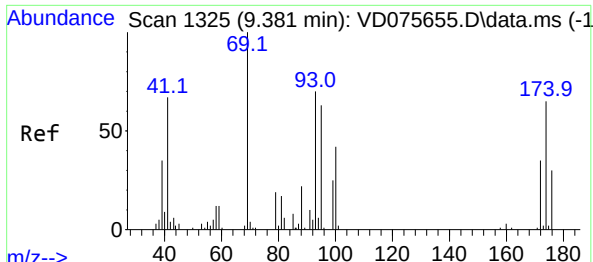
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 83 | Resp: | 34342     |
| Ion Ratio   | Lower | Upper     |
| 83          | 100   |           |
| 85          | 61.9  | 53.7 80.5 |
| 127         | 7.7   | 7.0 10.6  |



#48  
Methyl methacrylate  
Concen: 9.093 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 41 | Resp: | 7357       |
| Ion Ratio   | Lower | Upper      |
| 41          | 100   |            |
| 69          | 130.7 | 58.6 88.0# |
| 39          | 70.2  | 53.4 80.0  |

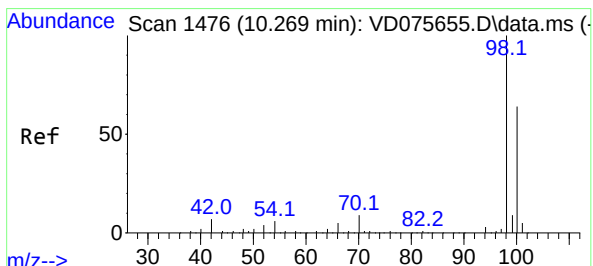
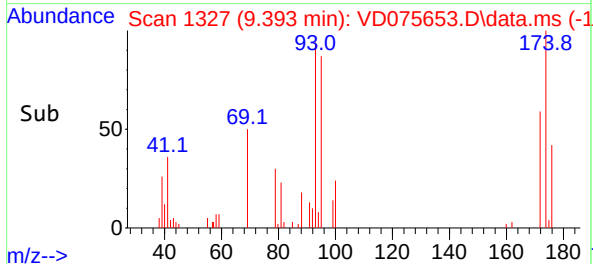
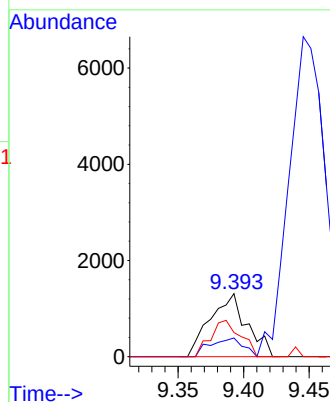
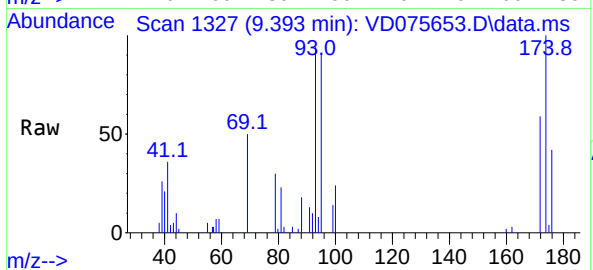




#49  
1,4-Dioxane  
Concen: 177.296 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. 0.012 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

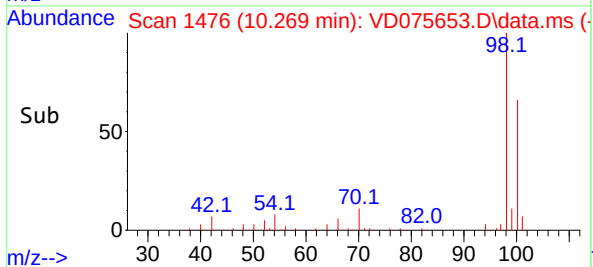
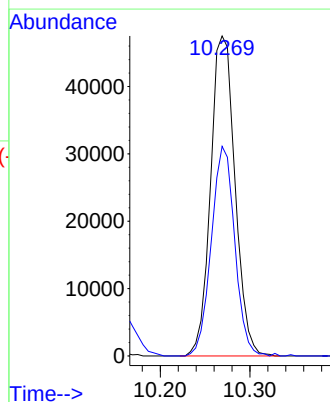
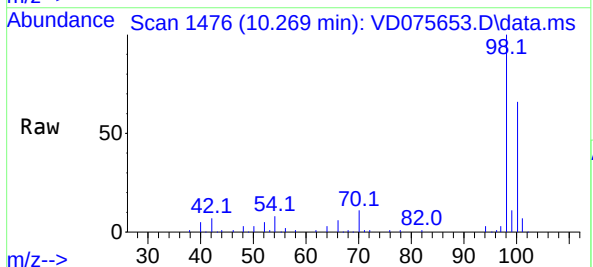
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

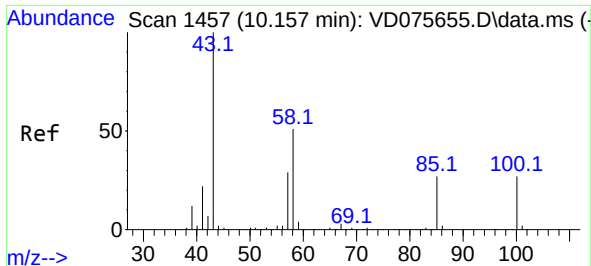
Tgt Ion: 88 Resp: 2544  
Ion Ratio Lower Upper  
88 100  
43 26.5 34.6 51.8#  
58 46.9 58.0 87.0#



#50  
Toluene-d8  
Concen: 9.453 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 98 Resp: 89792  
Ion Ratio Lower Upper  
98 100  
100 62.8 52.1 78.1

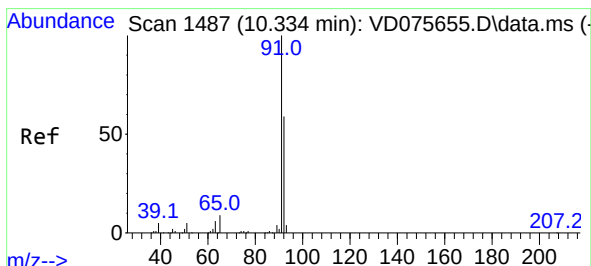
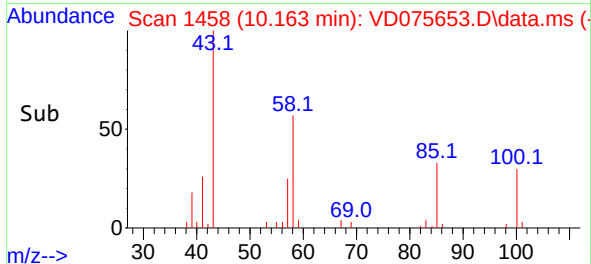
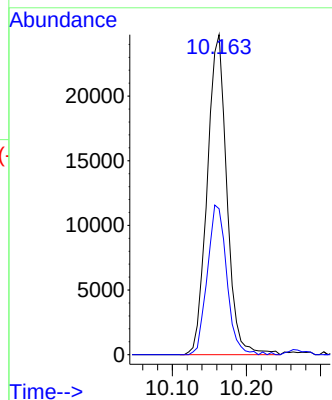
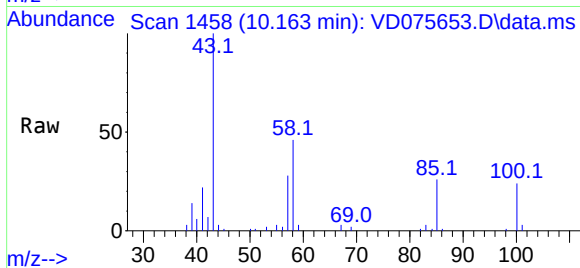




#51  
4-Methyl-2-Pentanone  
Concen: 47.023 ug/l  
RT: 10.163 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

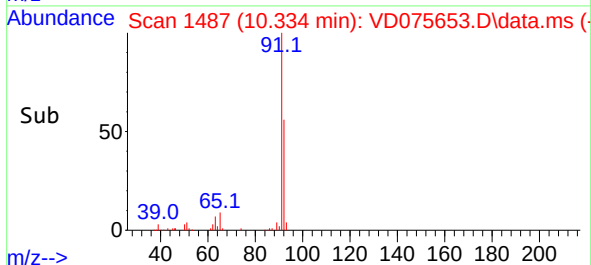
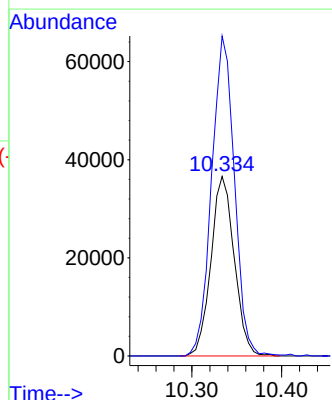
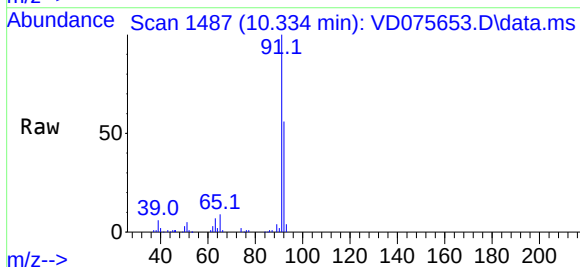
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

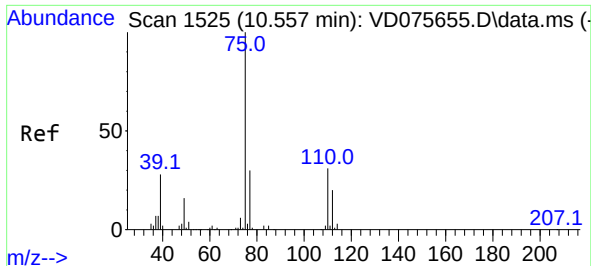
Tgt Ion: 43 Resp: 45530  
Ion Ratio Lower Upper  
43 100  
58 46.1 29.5 44.3#



#52  
Toluene  
Concen: 9.751 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 92 Resp: 65960  
Ion Ratio Lower Upper  
92 100  
91 174.8 136.5 204.7

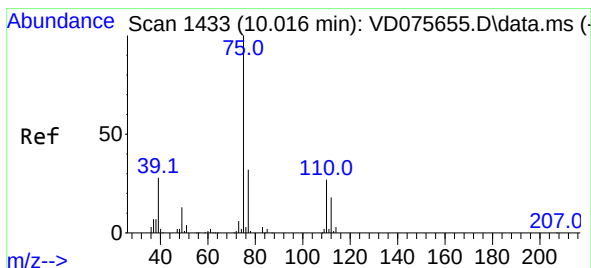
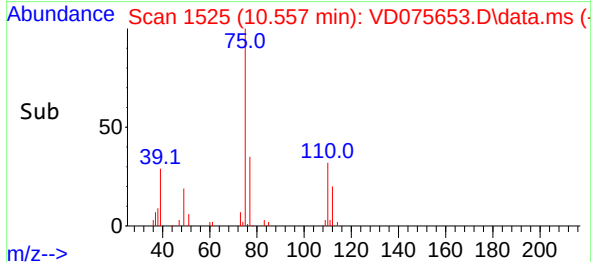
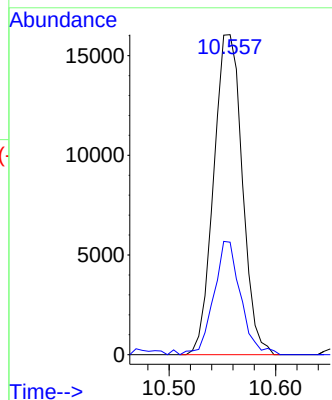
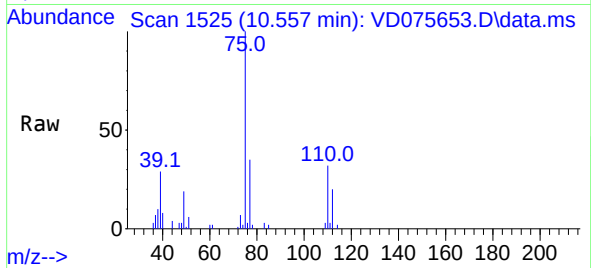




#53  
 t-1,3-Dichloropropene  
 Concen: 9.431 ug/l  
 RT: 10.557 min Scan# 1525  
 Delta R.T. 0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

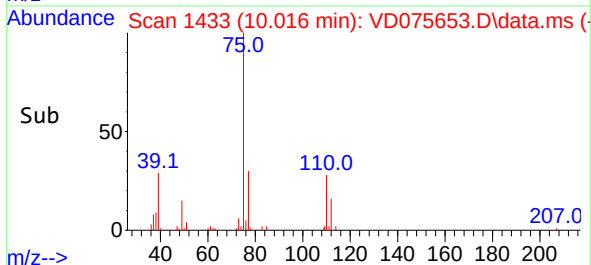
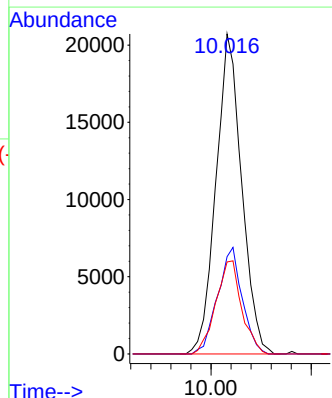
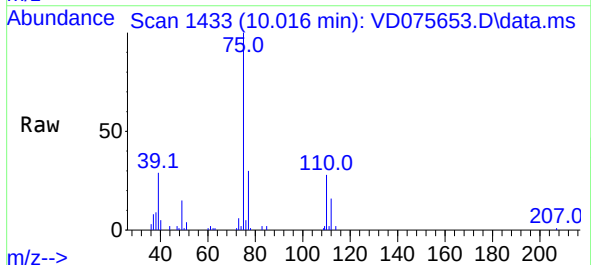
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

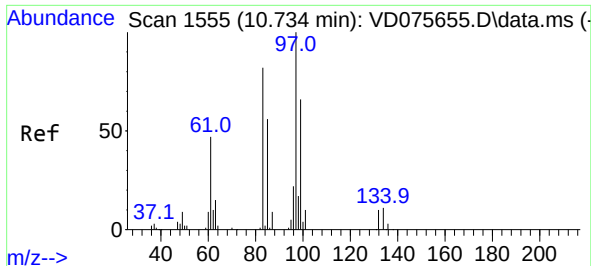
Tgt Ion: 75 Resp: 29907  
 Ion Ratio Lower Upper  
 75 100  
 77 35.2 26.3 39.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 9.745 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

Tgt Ion: 75 Resp: 36718  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.6 38.4  
 39 28.8 44.8 67.2#

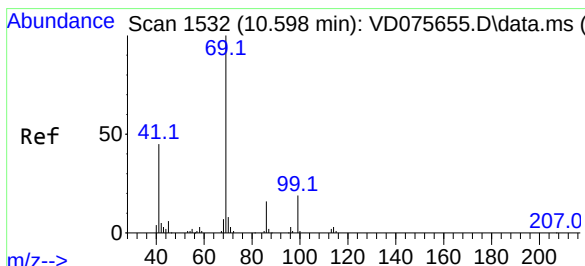
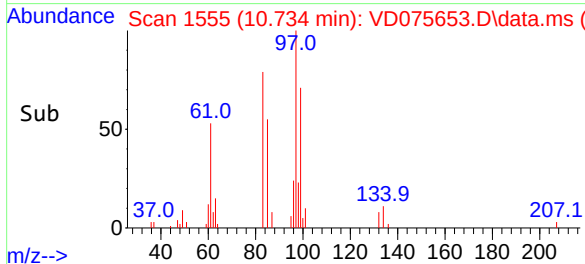
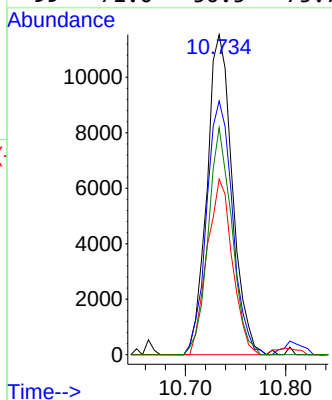
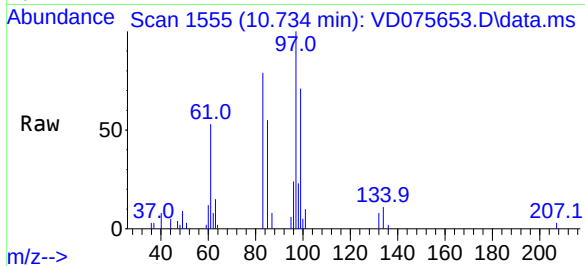




#55  
1,1,2-Trichloroethane  
Concen: 9.743 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

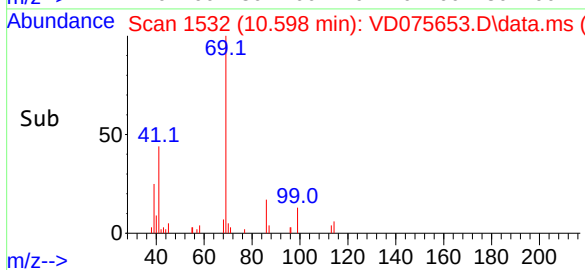
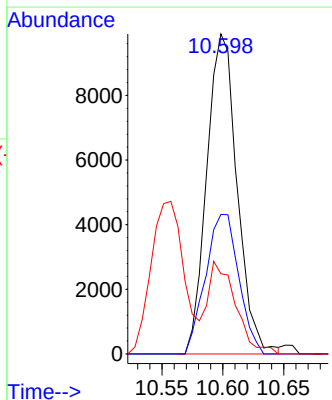
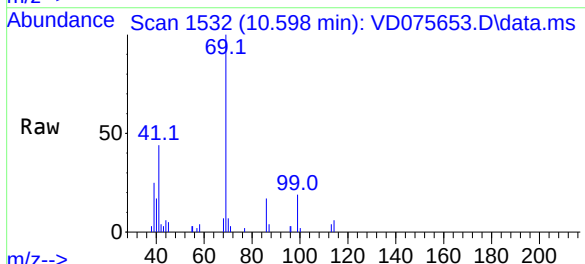
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 20403 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.3  | 74.2  | 111.4 |
| 85       | 54.9  | 45.4  | 68.0  |
| 99       | 71.0  | 50.5  | 75.7  |

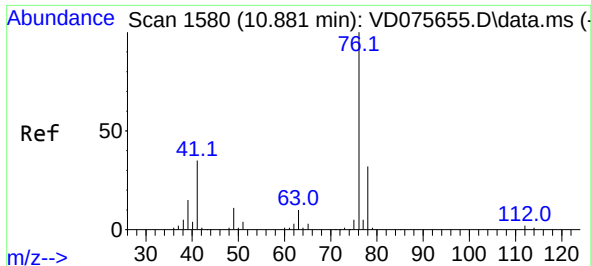


#56  
Ethyl methacrylate  
Concen: 8.352 ug/l  
RT: 10.598 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 17211 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 47.6  | 59.3  | 88.9# |
| 39       | 26.3  | 36.0  | 54.0# |







#57

1,3-Dichloropropane

Concen: 9.856 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

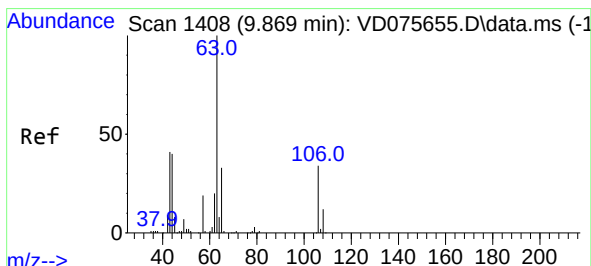
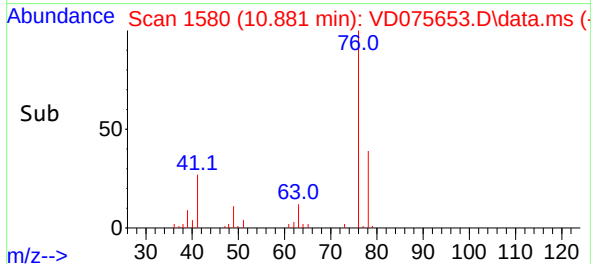
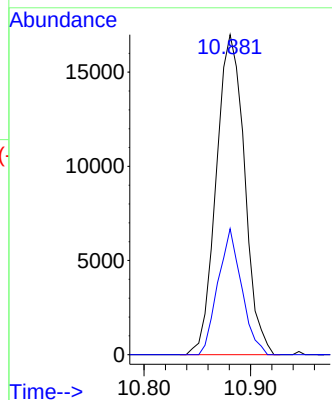
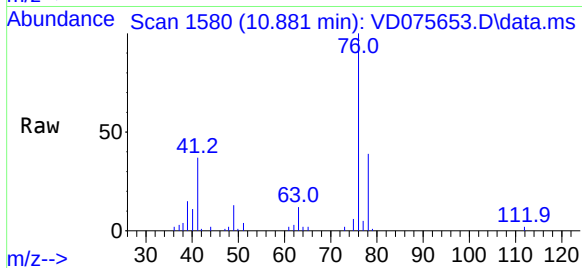
VSTDICC010

Tgt Ion: 76 Resp: 31333

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 44.520 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075653.D

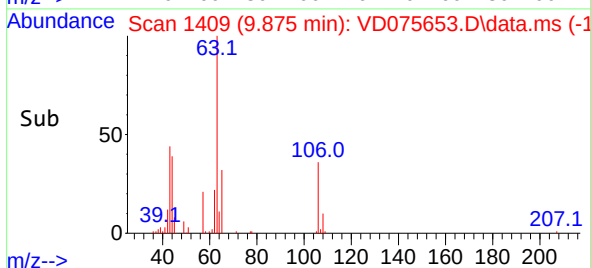
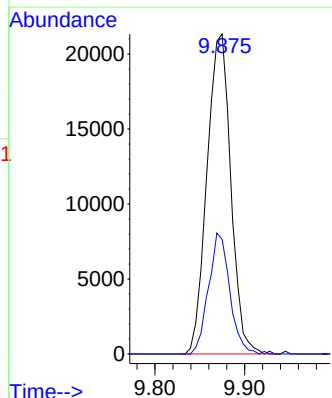
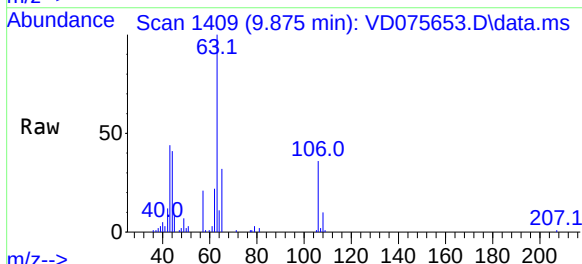
Acq: 13 Apr 2023 10:50

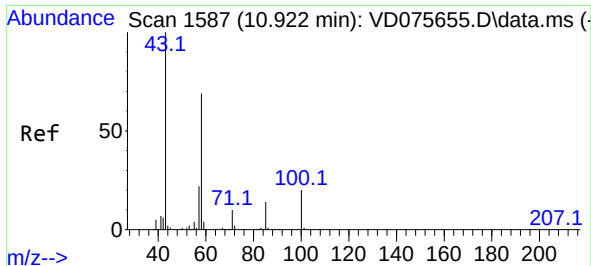
Tgt Ion: 63 Resp: 39402

Ion Ratio Lower Upper

63 100

106 33.7 21.4 32.2#

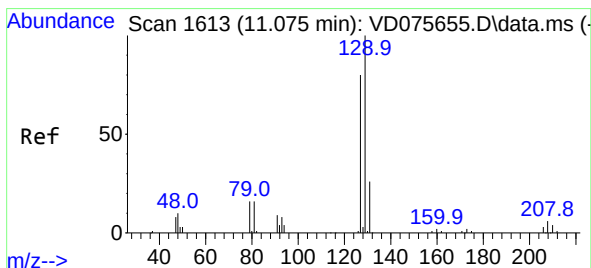
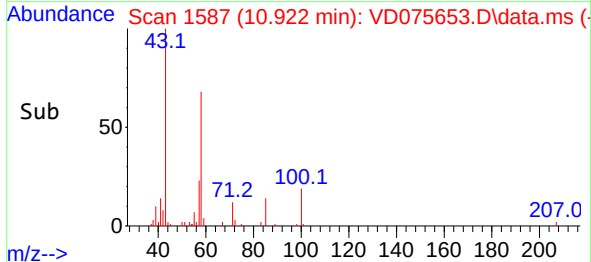
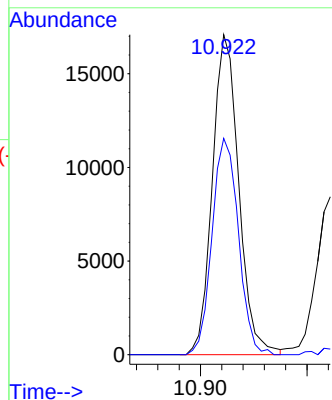
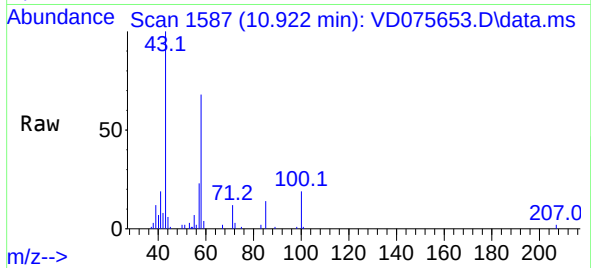




#59  
2-Hexanone  
Concen: 43.072 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

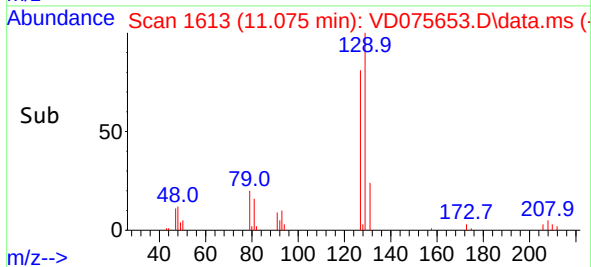
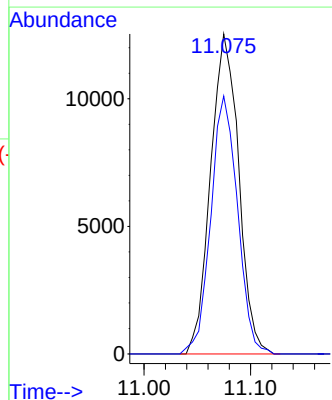
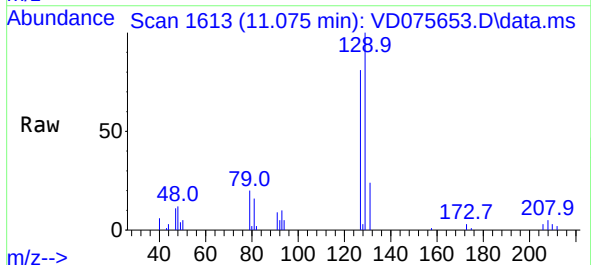
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

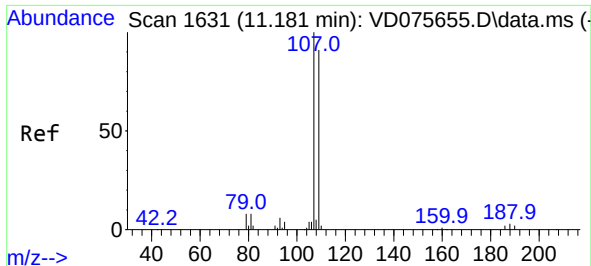
Tgt Ion: 43 Resp: 29323  
Ion Ratio Lower Upper  
43 100  
58 67.5 25.3 75.8



#60  
Dibromochloromethane  
Concen: 9.385 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 129 Resp: 22997  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.1 114.5

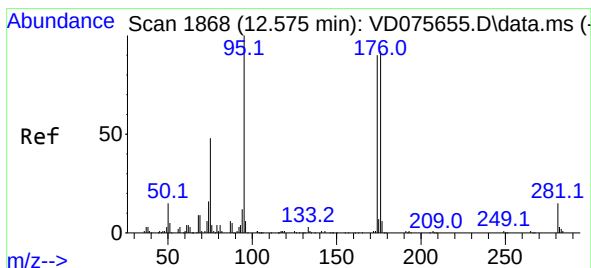
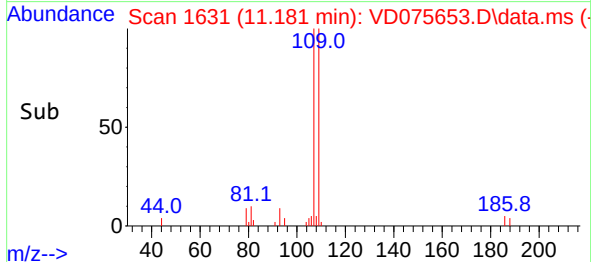
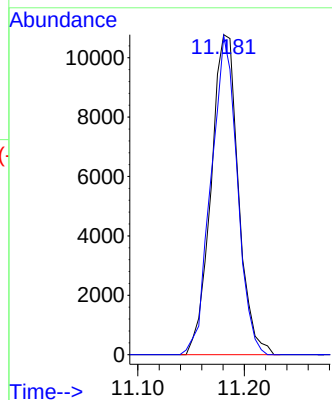
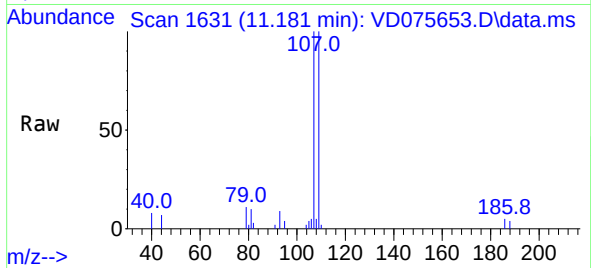




#61  
1,2-Dibromoethane  
Concen: 9.608 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

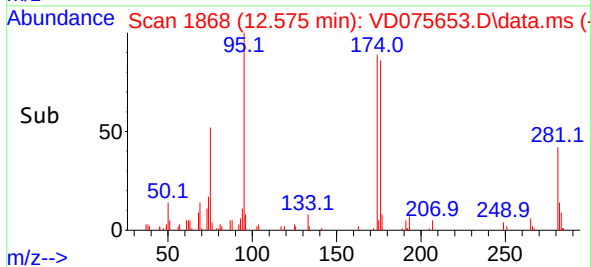
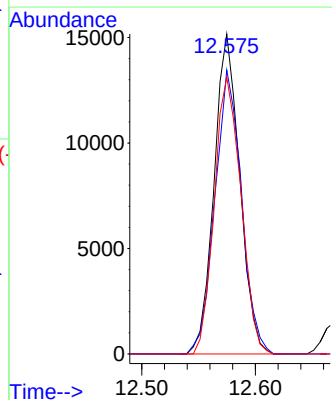
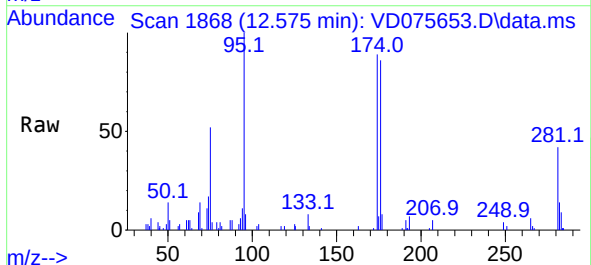
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MSVOA\_D  
ClientSampleId :  
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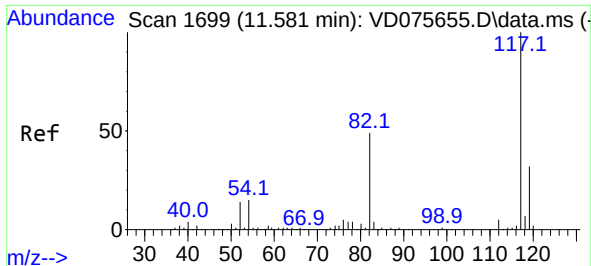
Tgt Ion:107 Resp: 19193  
Ion Ratio Lower Upper  
107 100  
109 95.6 73.6 110.4



#62  
4-Bromofluorobenzene  
Concen: 9.421 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 95 Resp: 23786  
Ion Ratio Lower Upper  
95 100  
174 91.9 0.0 164.0  
176 89.8 0.0 156.8

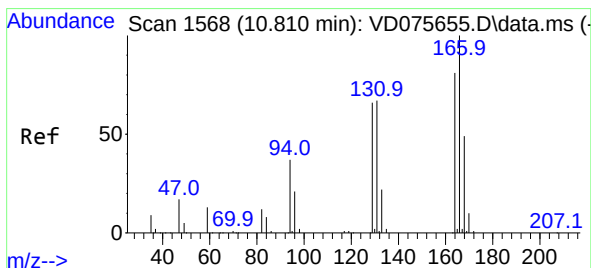
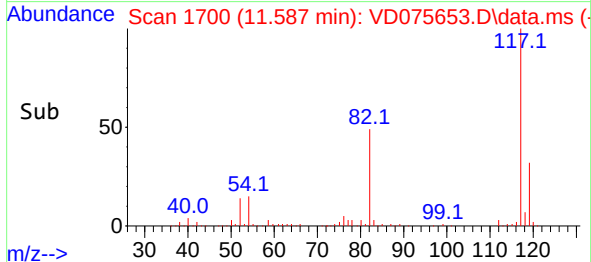
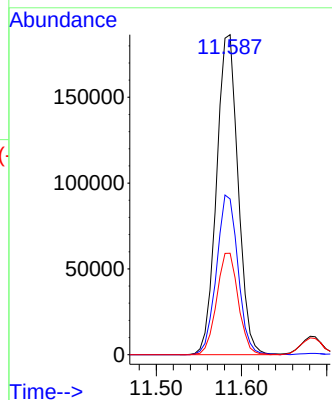
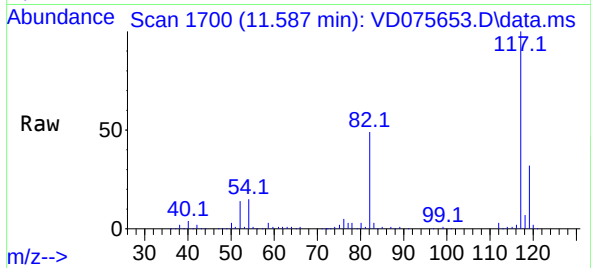




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.587 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

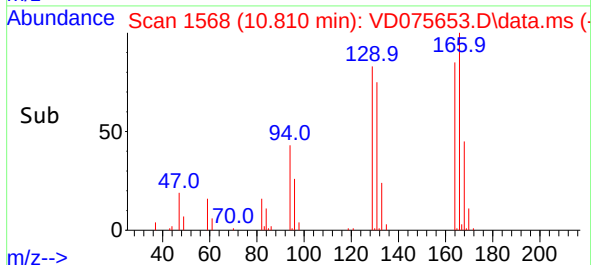
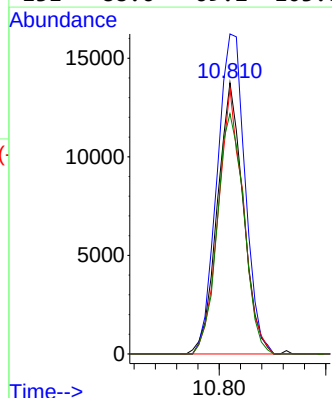
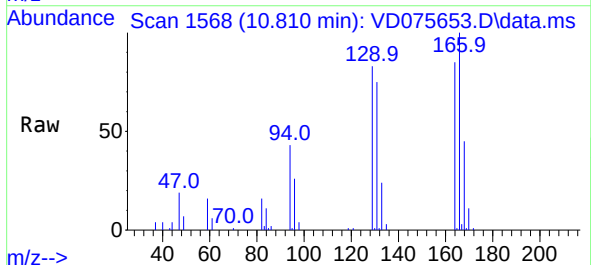
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

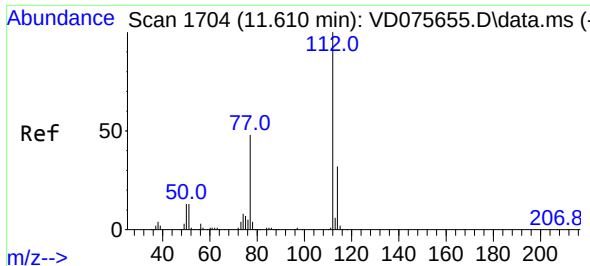
Tgt Ion:117 Resp: 327381  
Ion Ratio Lower Upper  
117 100  
82 48.7 44.0 66.0  
119 31.7 25.1 37.7



#64  
Tetrachloroethene  
Concen: 9.837 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion:164 Resp: 23193  
Ion Ratio Lower Upper  
164 100  
166 118.0 94.9 142.3  
129 97.8 73.0 109.6  
131 88.6 69.2 103.8

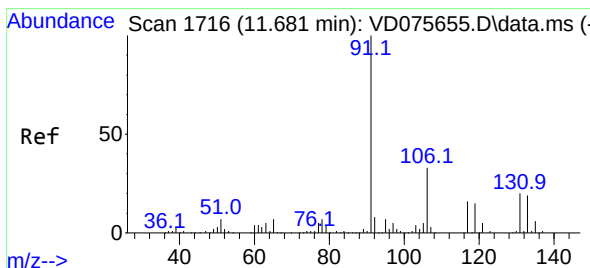
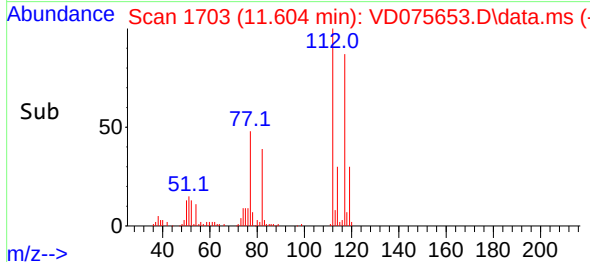
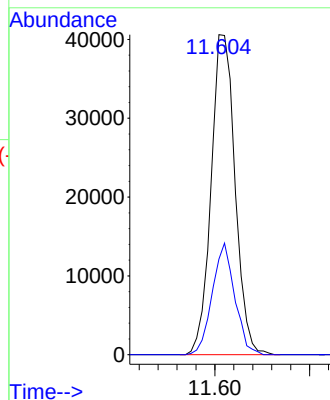
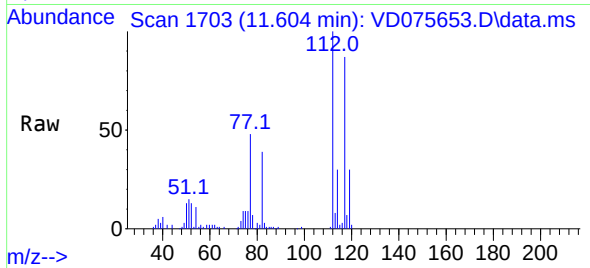




#65  
Chlorobenzene  
Concen: 10.165 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

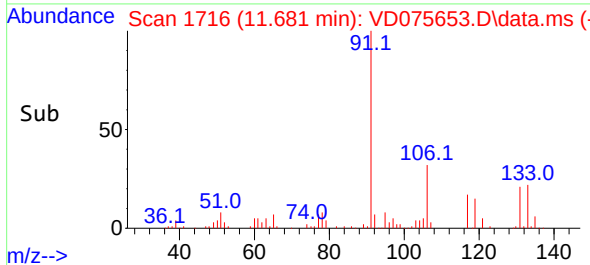
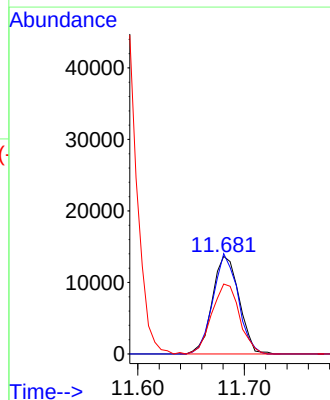
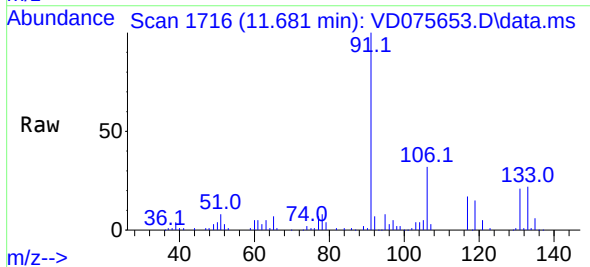
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

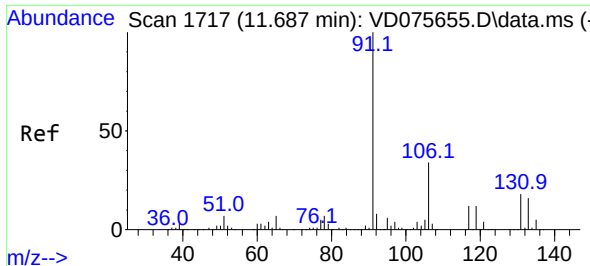
Tgt Ion:112 Resp: 71281  
Ion Ratio Lower Upper  
112 100  
114 29.9 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 9.899 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion:131 Resp: 23864  
Ion Ratio Lower Upper  
131 100  
133 95.9 46.7 140.0  
119 74.2 31.9 95.9

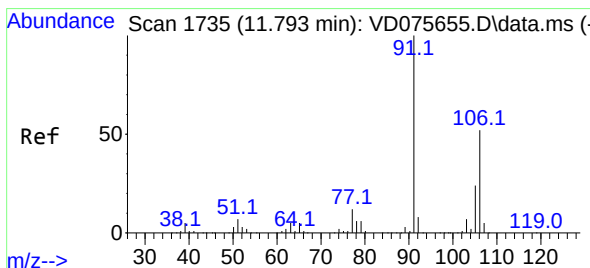
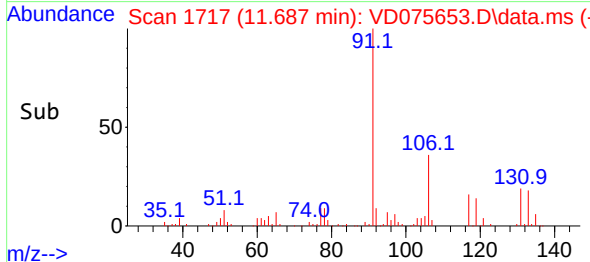
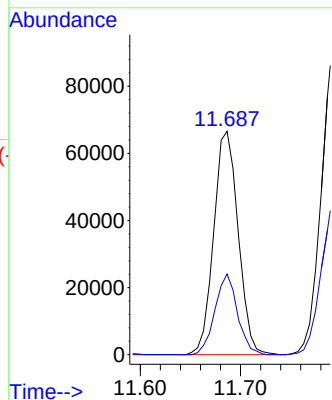
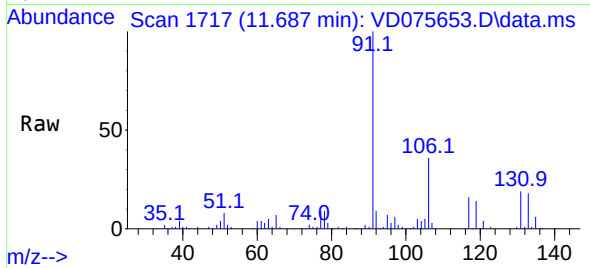




#67  
Ethyl Benzene  
Concen: 9.901 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

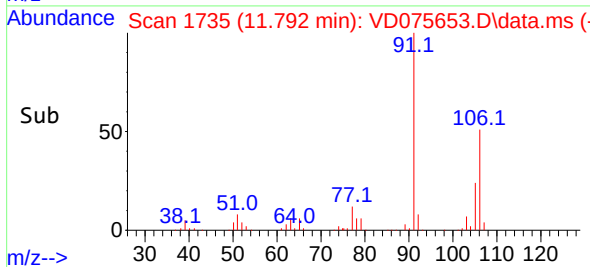
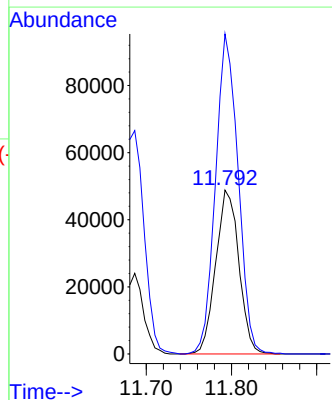
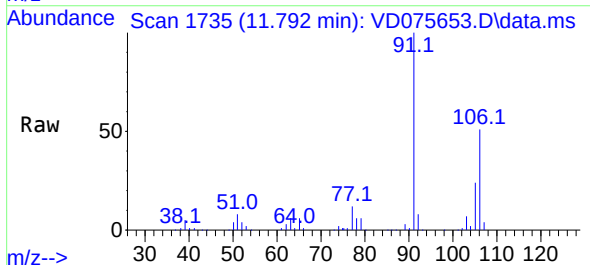
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

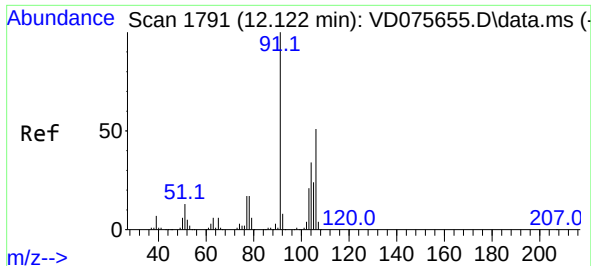
Tgt Ion: 91 Resp: 112674  
Ion Ratio Lower Upper  
91 100  
106 36.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 19.824 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. -0.001 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 106 Resp: 92457  
Ion Ratio Lower Upper  
106 100  
91 190.4 161.5 242.3





#69

o-Xylene

Concen: 9.632 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

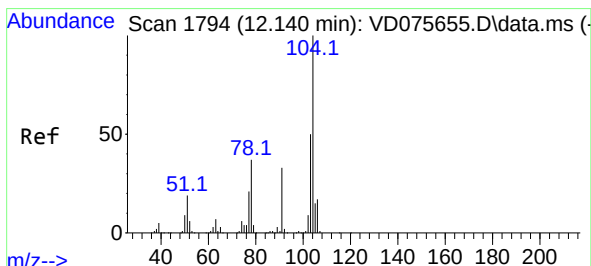
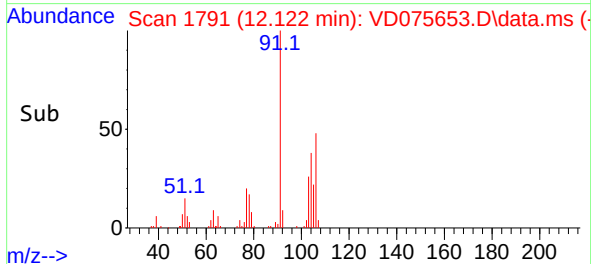
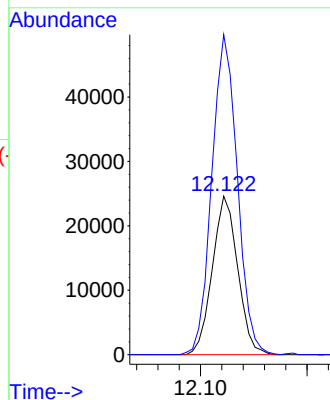
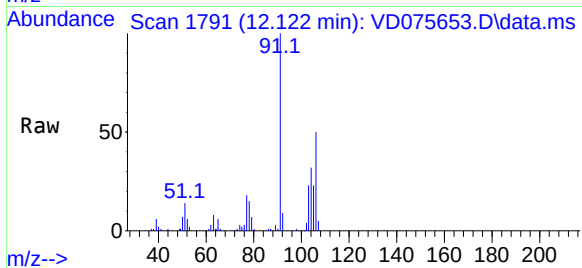
VSTDIC010

Tgt Ion:106 Resp: 40620

Ion Ratio Lower Upper

106 100

91 203.2 105.7 317.1



#70

Styrene

Concen: 9.437 ug/l

RT: 12.139 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

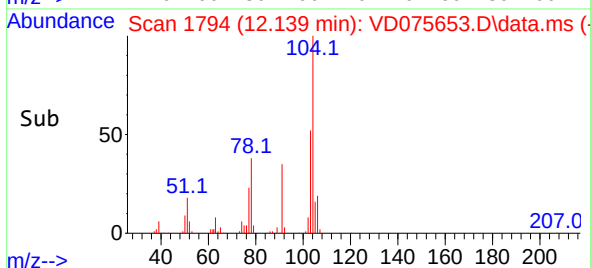
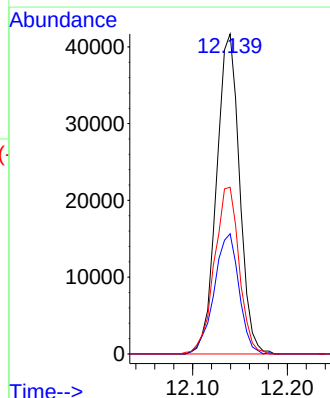
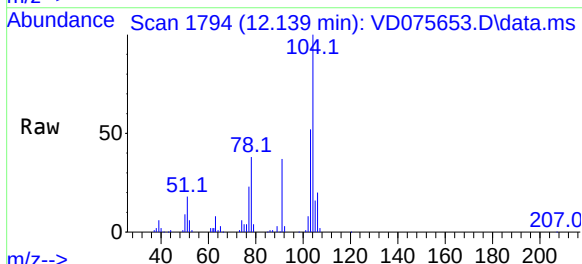
Tgt Ion:104 Resp: 70150

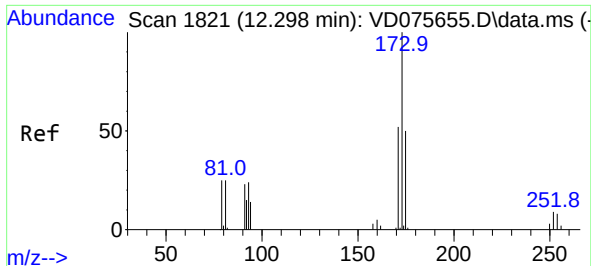
Ion Ratio Lower Upper

104 100

78 40.6 40.2 60.4

103 56.2 44.2 66.2

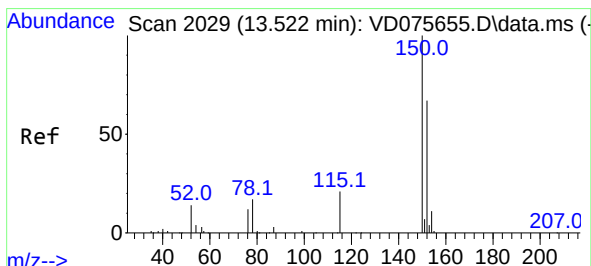
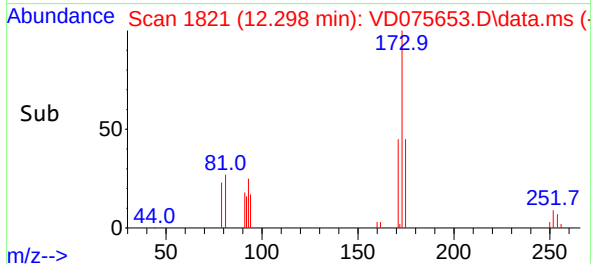
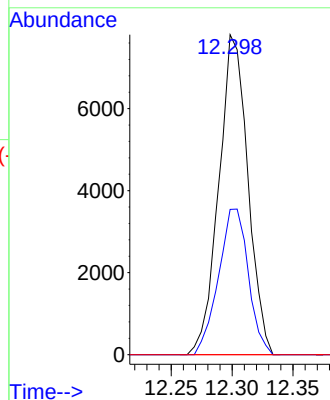
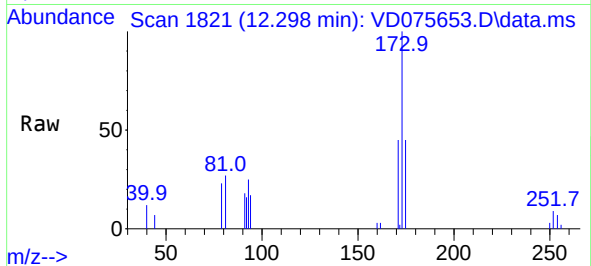




#71  
Bromoform  
Concen: 10.271 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

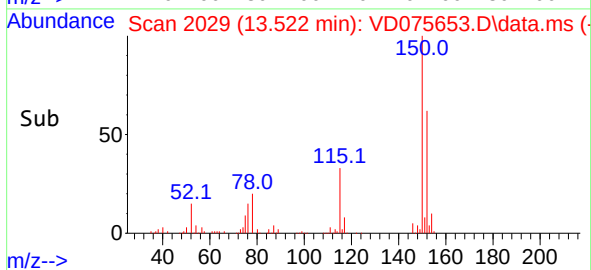
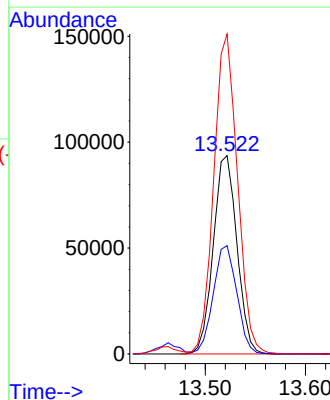
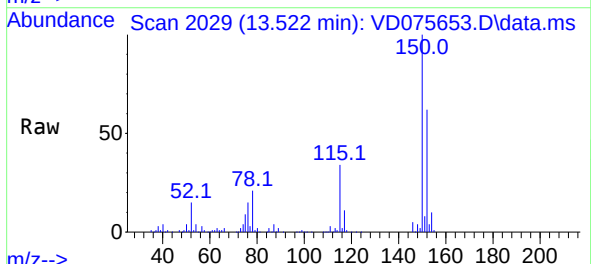
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 12943 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 46.8  | 23.5  | 70.5  |
| 254      | 0.0   | 0.0   | 0.0   |

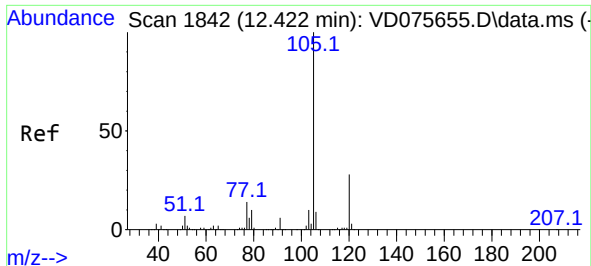


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 153468 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 54.5  | 30.1  | 90.3   |
| 150      | 161.8 | 0.0   | 364.8  |



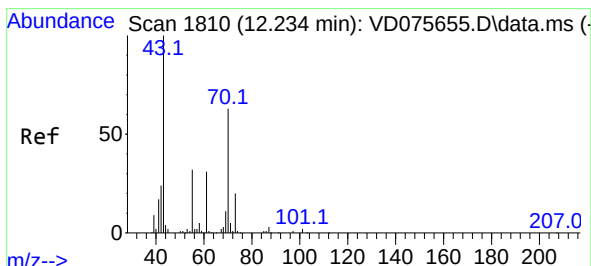
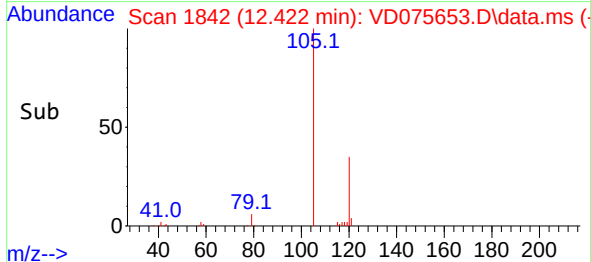
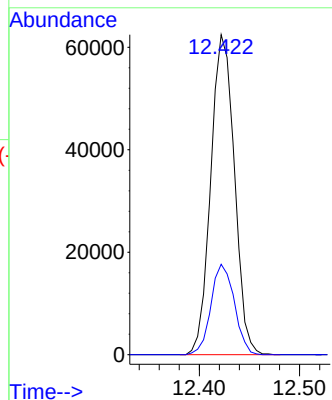
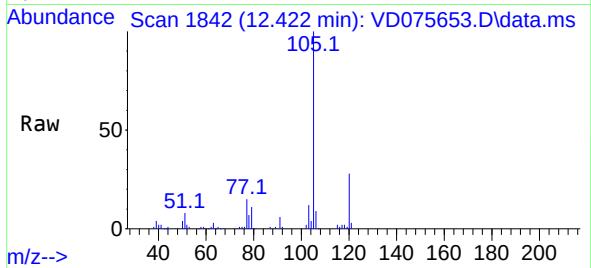




#73  
Isopropylbenzene  
Concen: 10.167 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

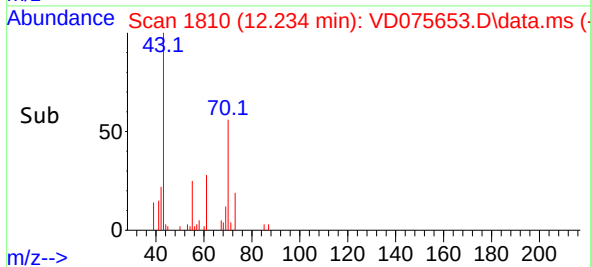
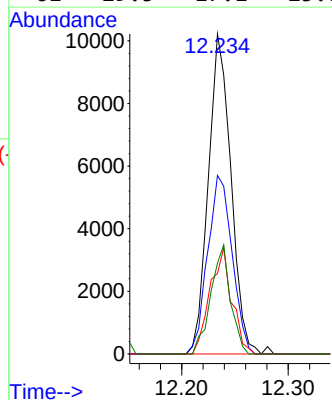
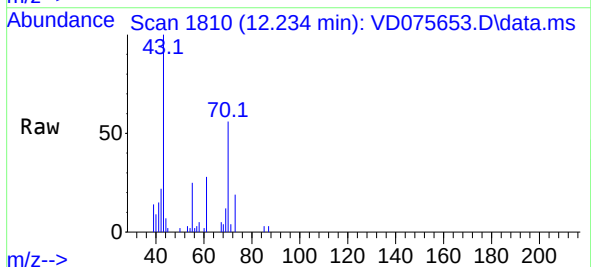
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

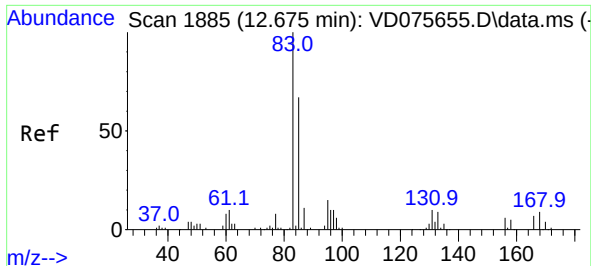
Tgt Ion:105 Resp: 102404  
Ion Ratio Lower Upper  
105 100  
120 27.9 13.4 40.1



#74  
N-ethyl acetate  
Concen: 10.219 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 43 Resp: 15124  
Ion Ratio Lower Upper  
43 100  
70 60.2 31.0 46.4#  
55 31.8 18.6 28.0#  
61 29.5 17.1 25.7#

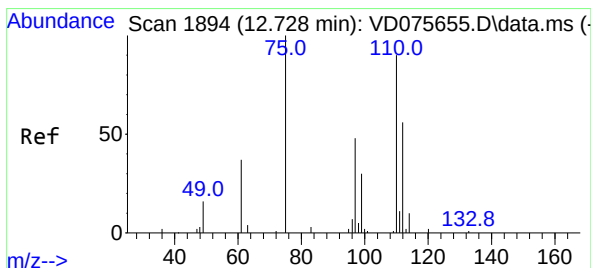
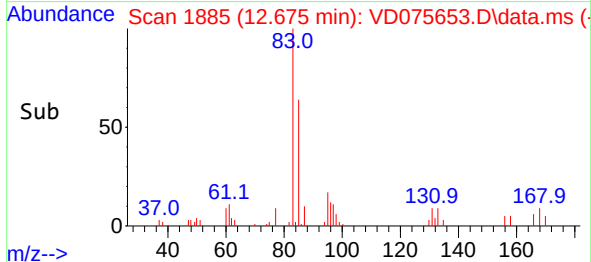
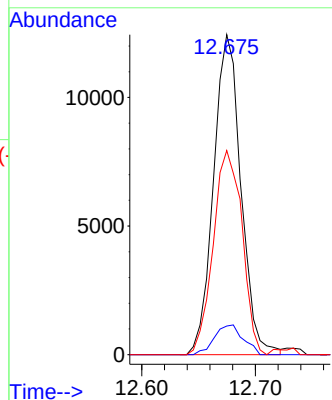
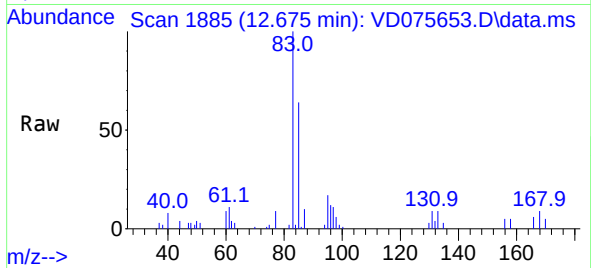




#75  
1,1,2,2-Tetrachloroethane  
Concen: 10.661 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

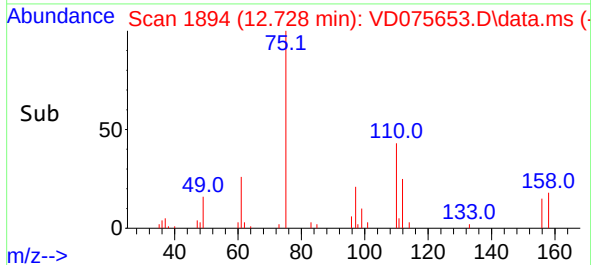
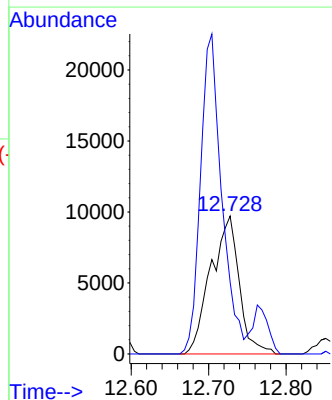
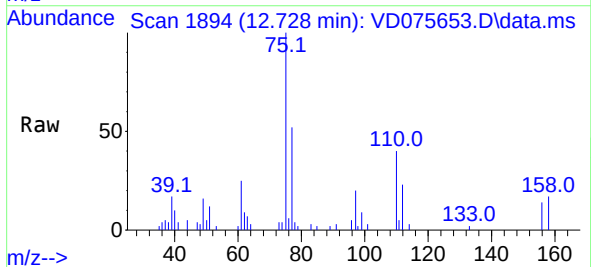
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

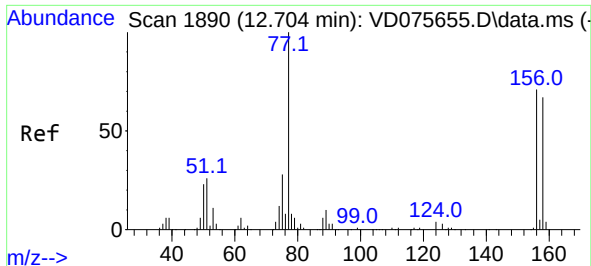
Tgt Ion: 83 Resp: 20858  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.1 15.2  
85 67.1 33.6 100.6



#76  
1,2,3-Trichloropropane  
Concen: 22.107 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 75 Resp: 24763  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

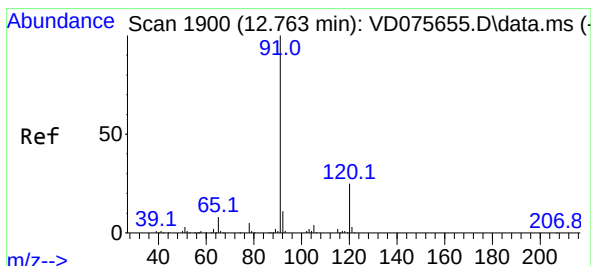
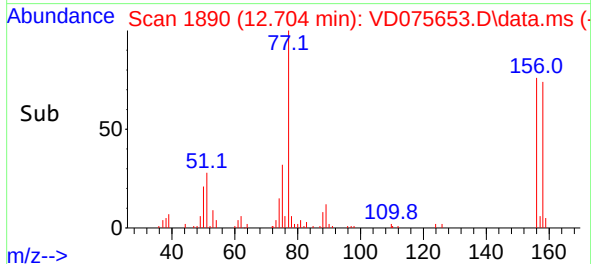
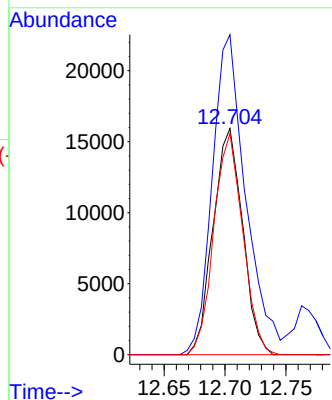
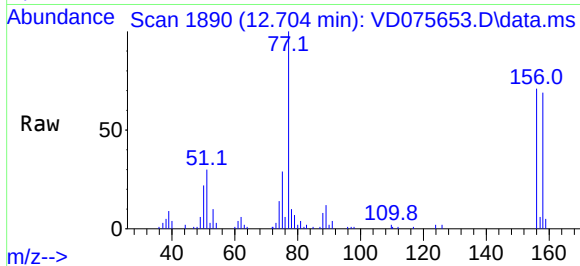




#77  
Bromobenzene  
Concen: 10.362 ug/l  
RT: 12.704 min Scan# 1890  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

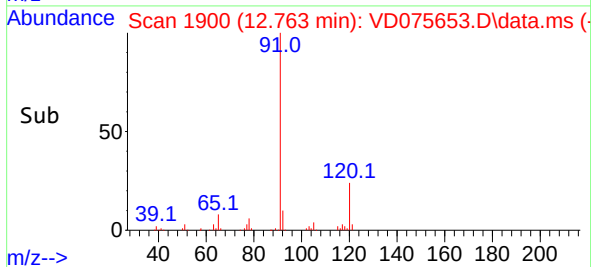
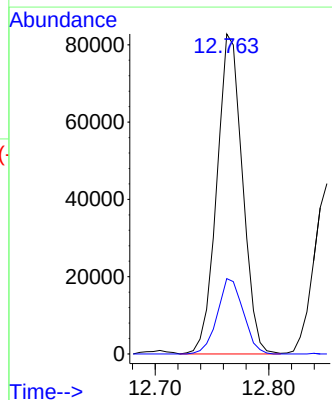
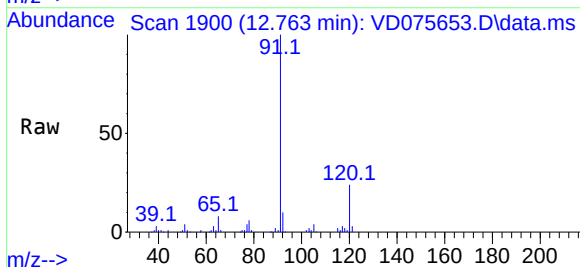
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

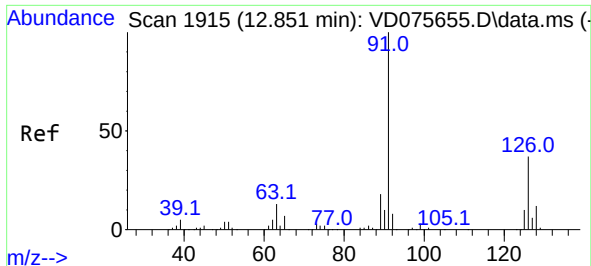
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 159.6 | 89.5  | 268.6 |
| 158     | 96.0  | 47.8  | 143.4 |



#78  
n-propylbenzene  
Concen: 10.517 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 120     | 23.7 | 11.4  | 34.2  |

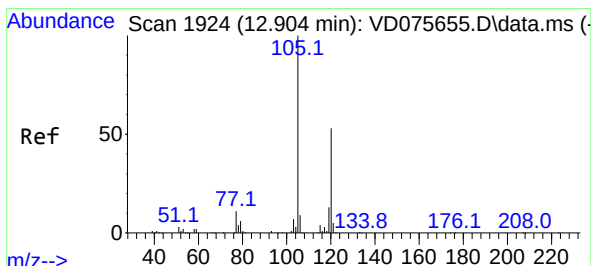
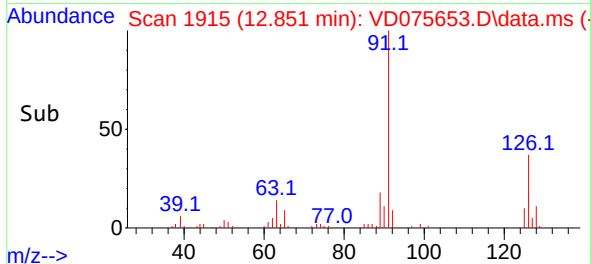
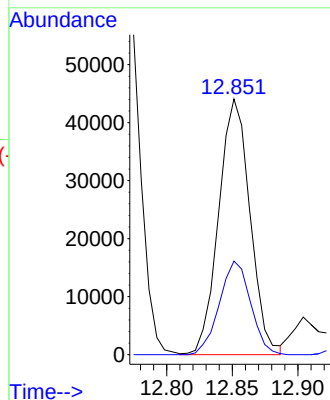
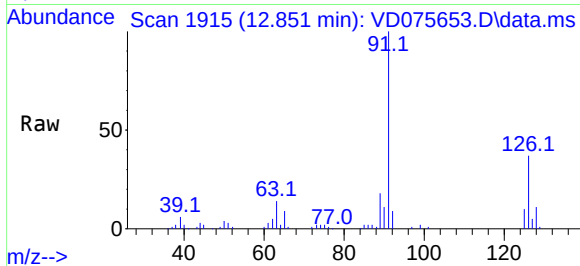




#79  
2-Chlorotoluene  
Concen: 10.483 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

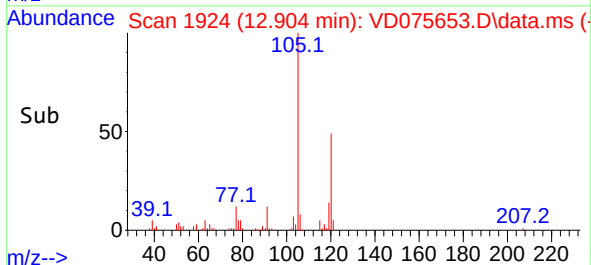
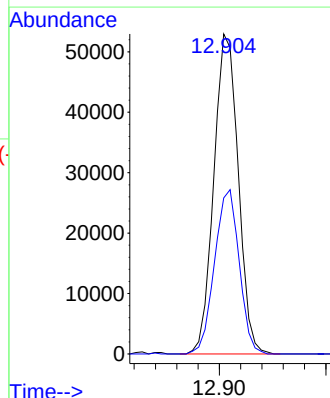
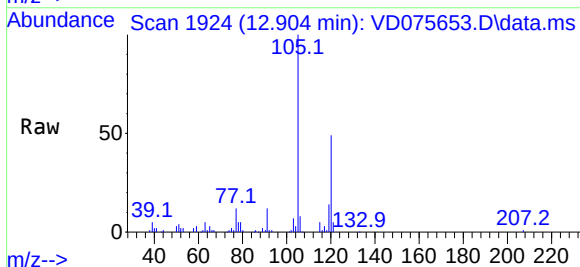
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

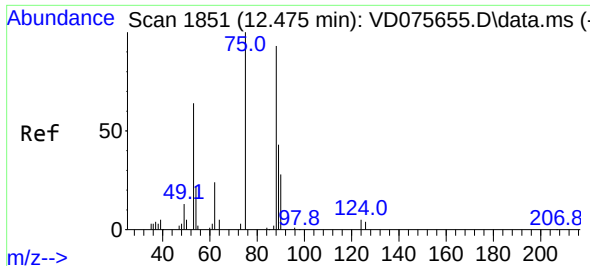
Tgt Ion: 91 Resp: 73410  
Ion Ratio Lower Upper  
91 100  
126 36.3 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 10.031 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 105 Resp: 84227  
Ion Ratio Lower Upper  
105 100  
120 51.8 24.3 72.8

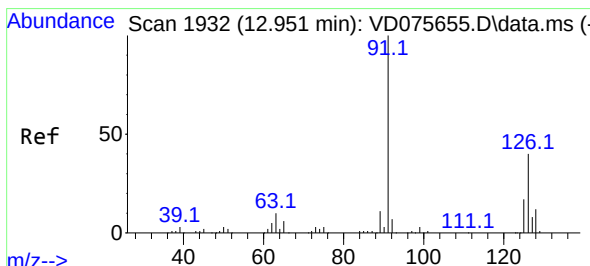
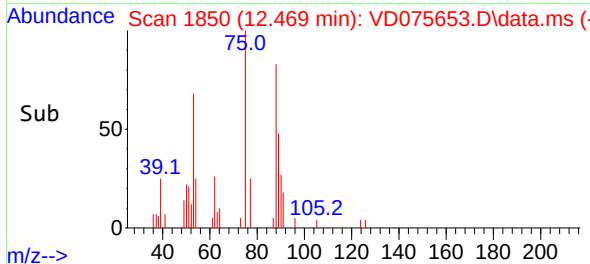
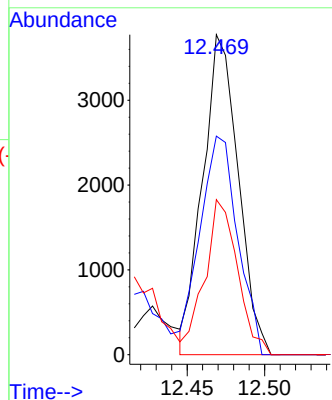
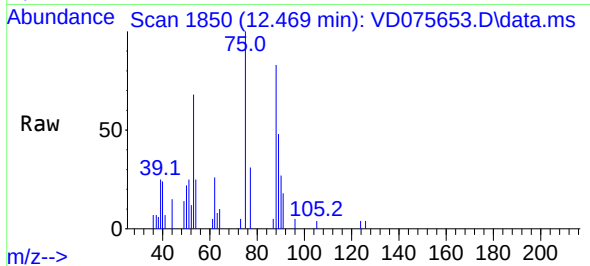




#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.424 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

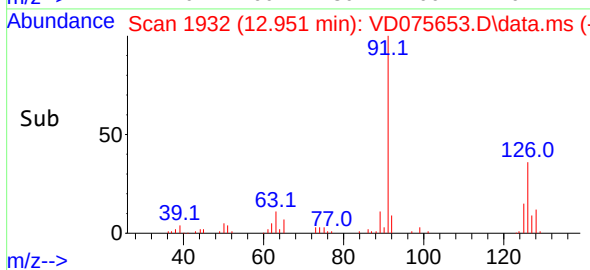
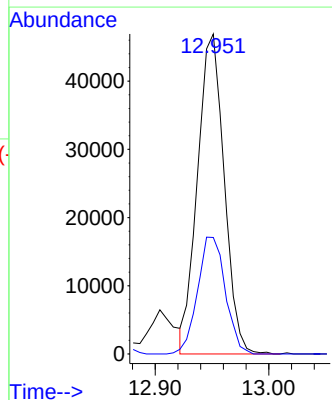
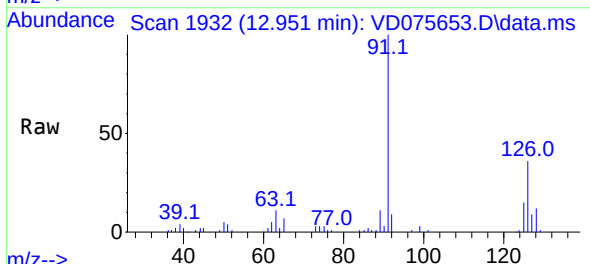
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

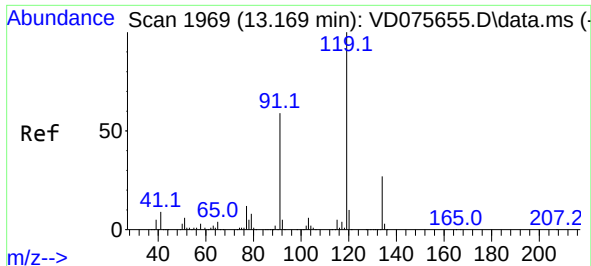
Tgt Ion: 75 Resp: 6019  
Ion Ratio Lower Upper  
75 100  
53 73.8 90.5 135.7#  
89 44.9 40.2 60.4



#82  
4-Chlorotoluene  
Concen: 10.504 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 91 Resp: 76481  
Ion Ratio Lower Upper  
91 100  
126 38.1 17.1 51.2

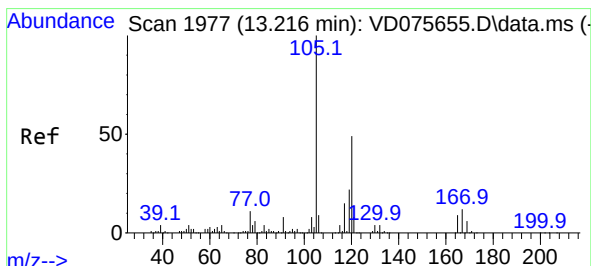
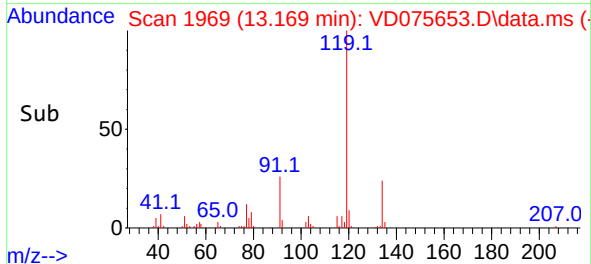
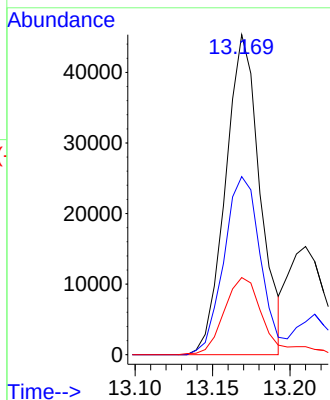
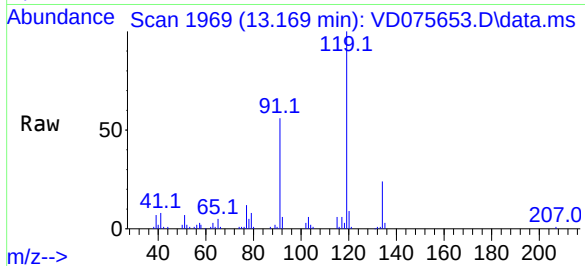




#83  
tert-Butylbenzene  
Concen: 9.935 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

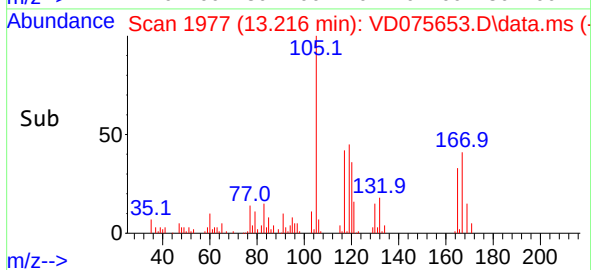
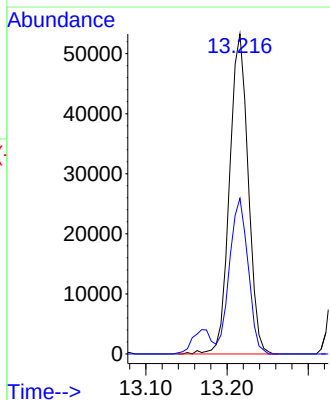
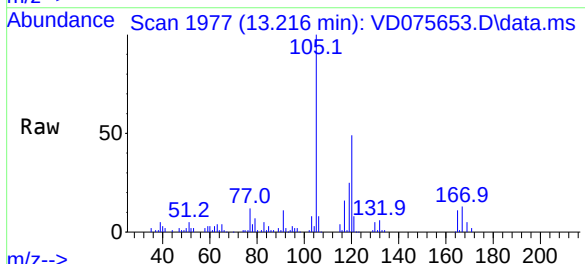
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

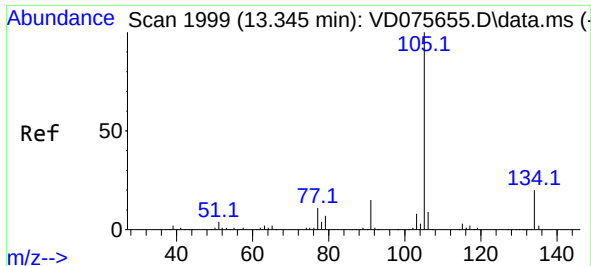
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 70336 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 59.4  | 32.4  | 97.0  |
| 134      | 27.8  | 13.0  | 39.0  |



#84  
1,2,4-Trimethylbenzene  
Concen: 10.055 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 84721 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 48.4  | 22.3  | 66.9  |

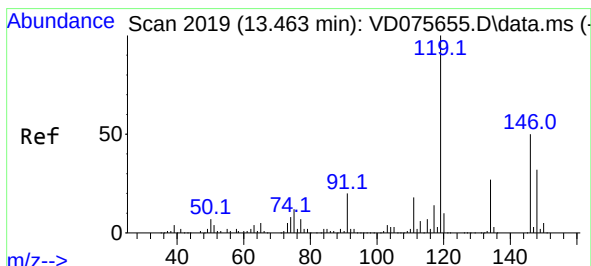
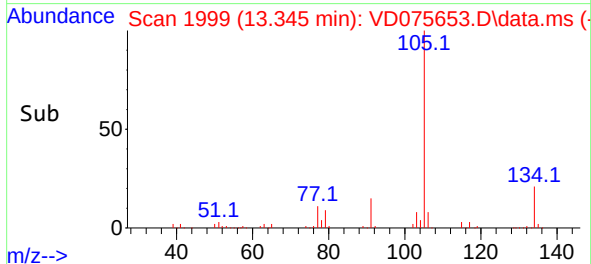
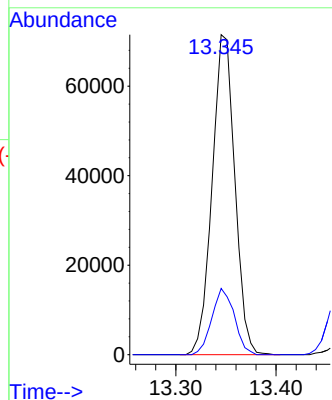
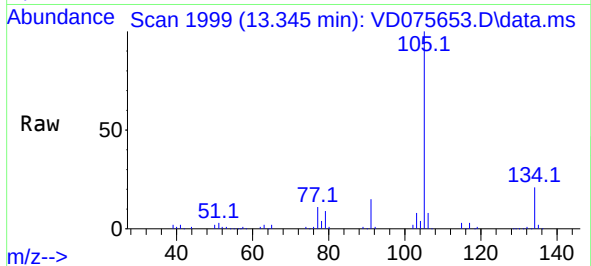




#85  
 sec-Butylbenzene  
 Concen: 10.301 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

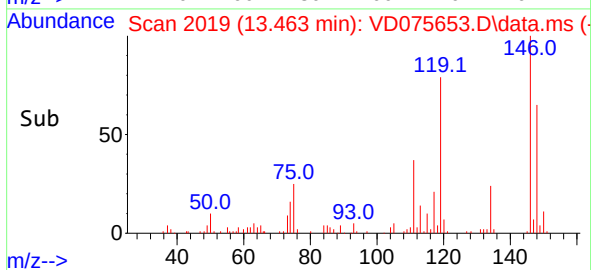
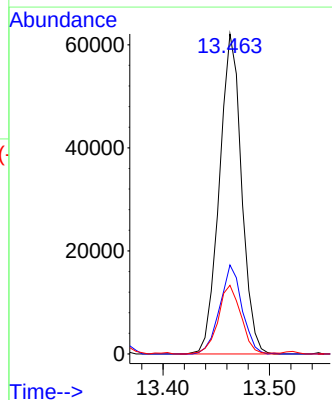
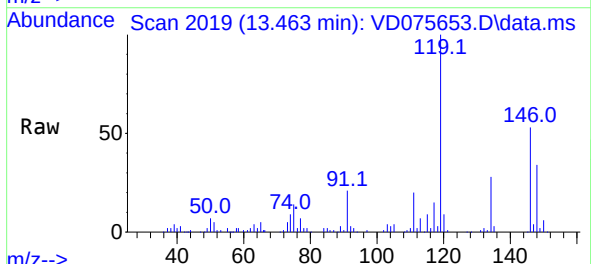
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

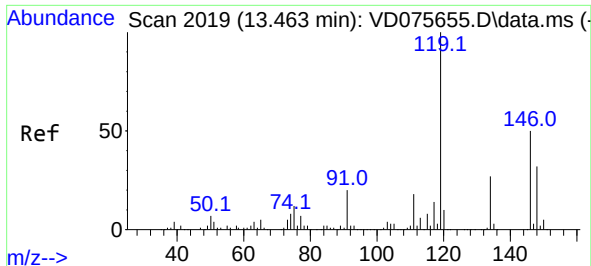
Tgt Ion:105 Resp: 112505  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 9.875 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. -0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

Tgt Ion:119 Resp: 89788  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 13.1 39.3  
 91 22.1 12.4 37.4

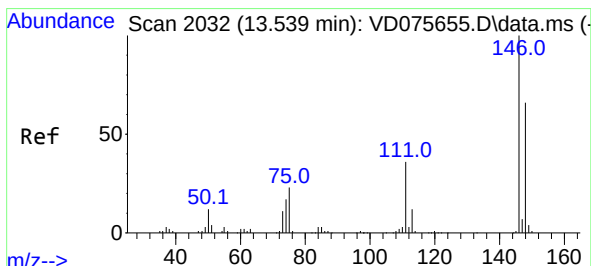
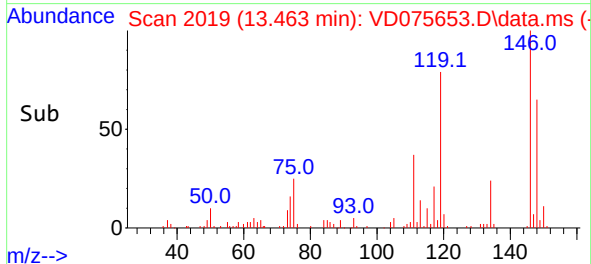
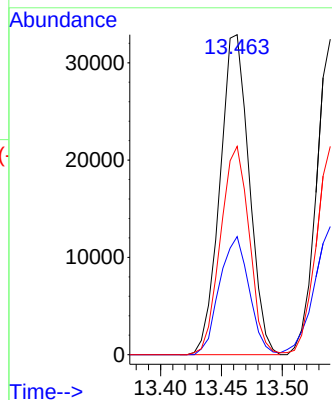
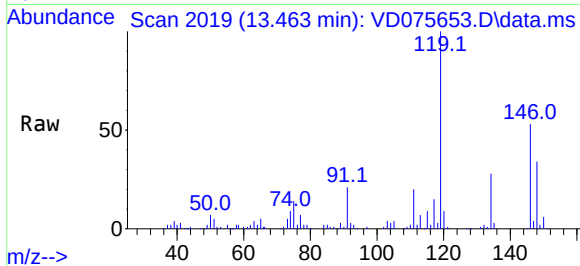




#87  
1,3-Dichlorobenzene  
Concen: 10.177 ug/l  
RT: 13.463 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

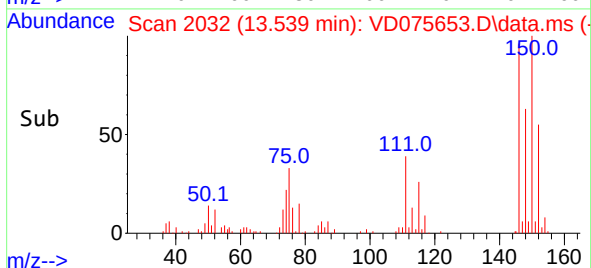
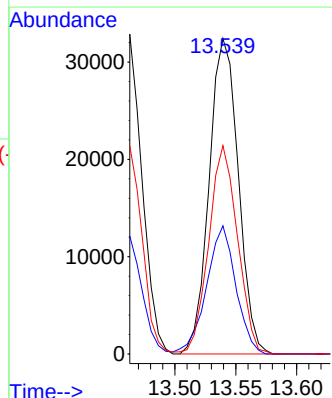
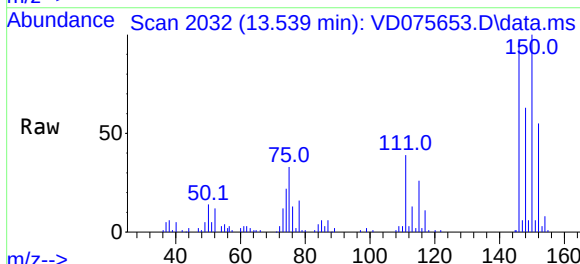
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:146 Resp: 54978  
Ion Ratio Lower Upper  
146 100  
111 37.4 19.8 59.3  
148 64.1 31.0 93.0

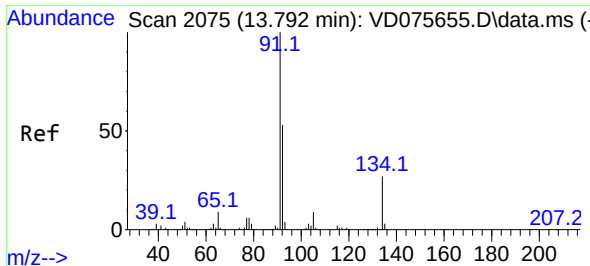


#88  
1,4-Dichlorobenzene  
Concen: 10.134 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion:146 Resp: 54083  
Ion Ratio Lower Upper  
146 100  
111 40.8 19.6 58.8  
148 65.1 31.7 95.1



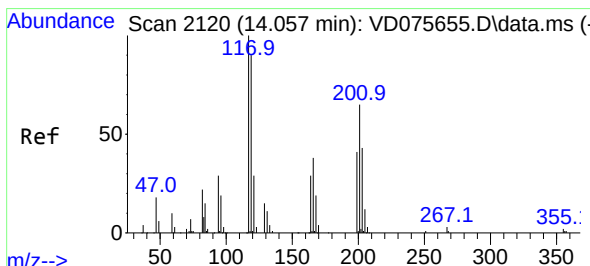
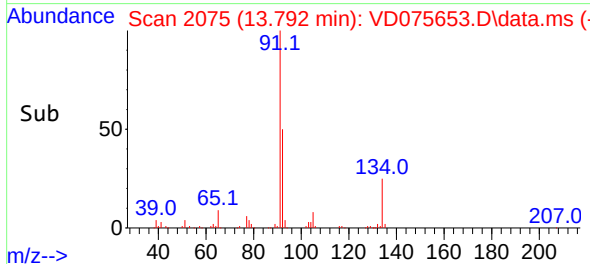
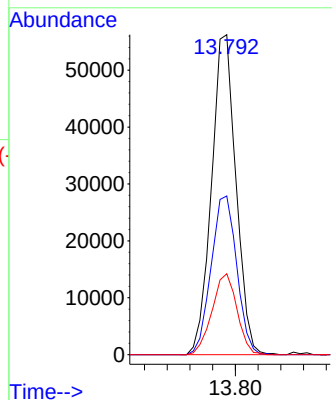
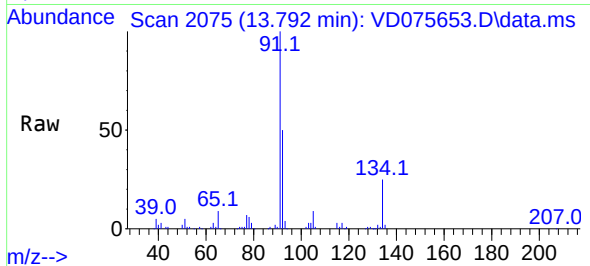




#89  
n-Butylbenzene  
Concen: 10.036 ug/l  
RT: 13.792 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

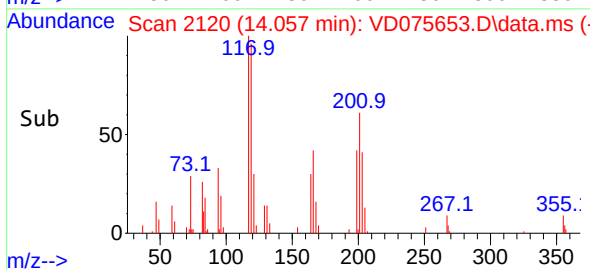
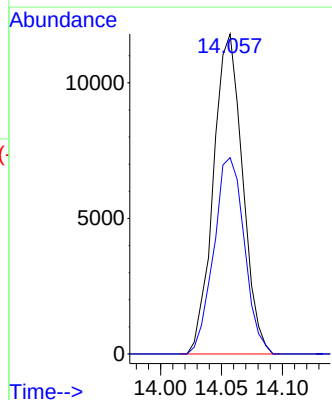
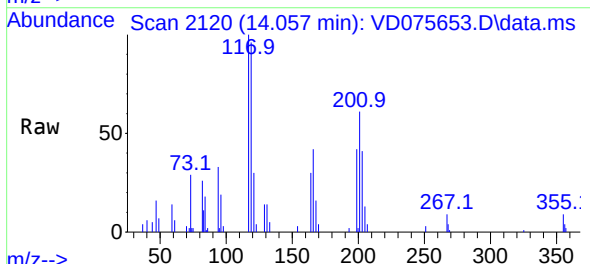
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

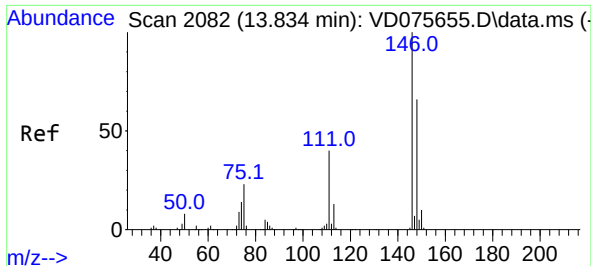
Tgt Ion: 91 Resp: 84057  
Ion Ratio Lower Upper  
91 100  
92 51.9 26.2 78.5  
134 25.8 12.7 38.0



#90  
Hexachloroethane  
Concen: 10.901 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Tgt Ion: 117 Resp: 19693  
Ion Ratio Lower Upper  
117 100  
201 64.3 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 10.092 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

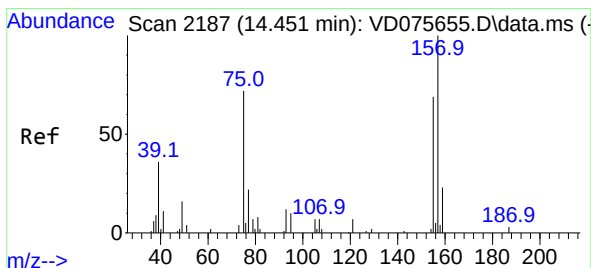
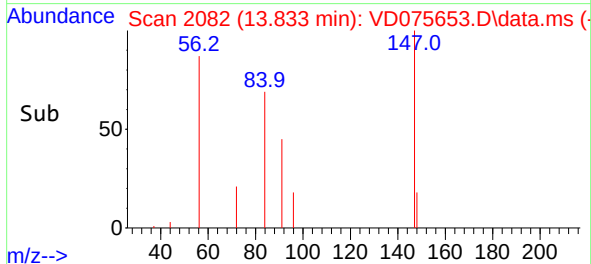
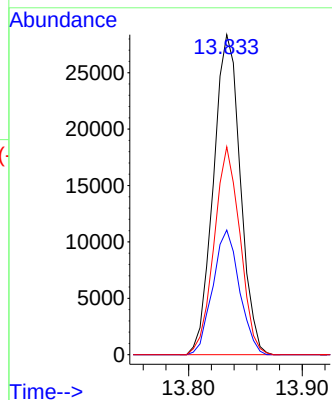
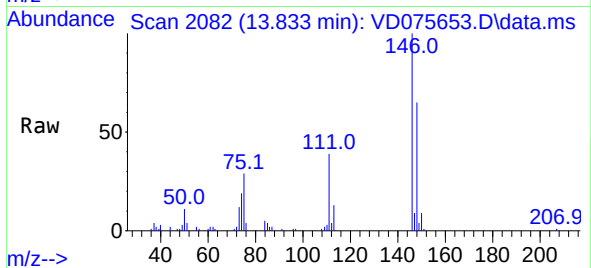
Tgt Ion:146 Resp: 46702

Ion Ratio Lower Upper

146 100

111 38.6 20.6 61.8

148 62.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.927 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075653.D

Acq: 13 Apr 2023 10:50

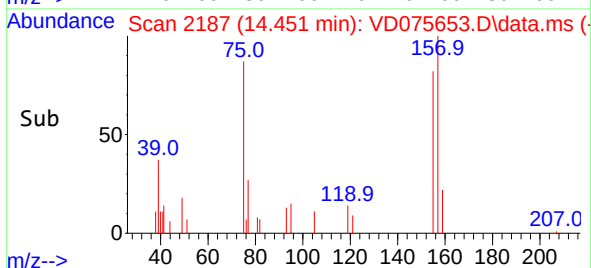
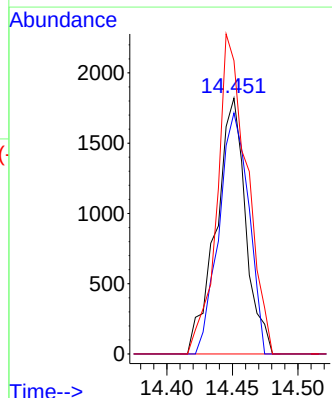
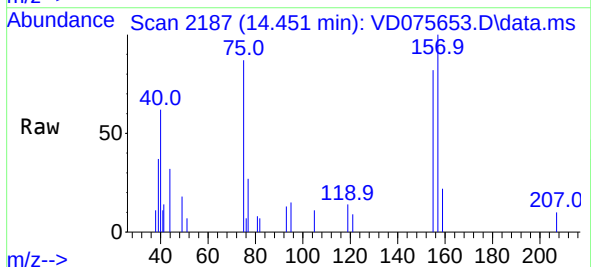
Tgt Ion: 75 Resp: 2866

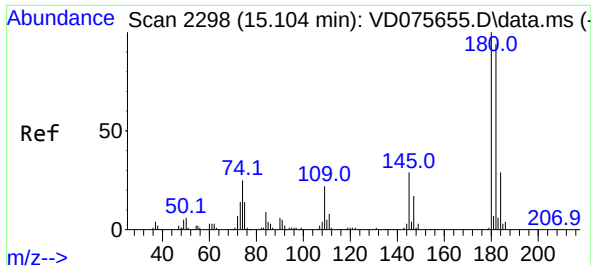
Ion Ratio Lower Upper

75 100

155 94.3 39.5 118.5

157 125.7 53.5 160.7

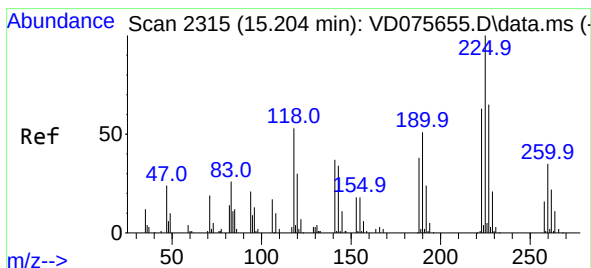
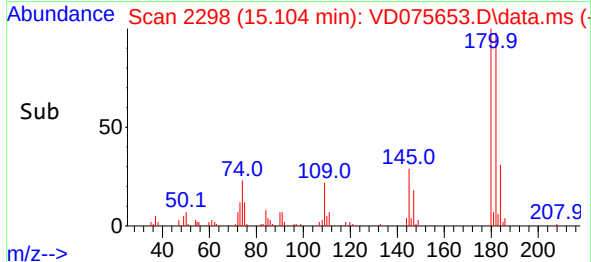
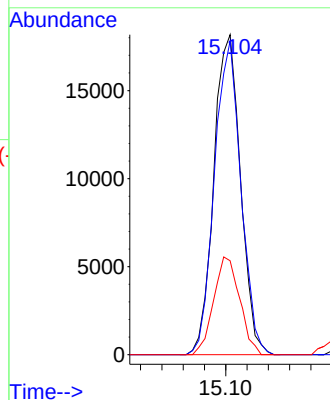
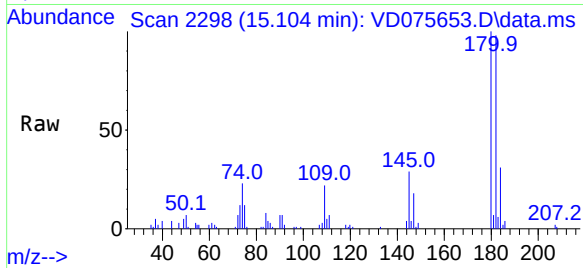




#93  
 1,2,4-Trichlorobenzene  
 Concen: 11.722 ug/l  
 RT: 15.104 min Scan# 2298  
 Delta R.T. 0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

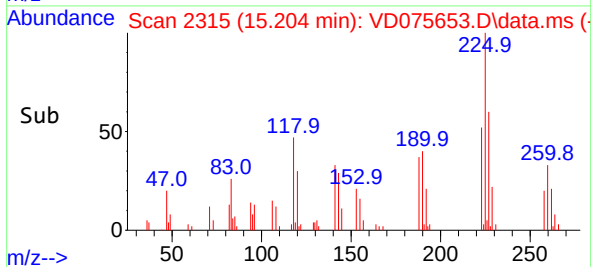
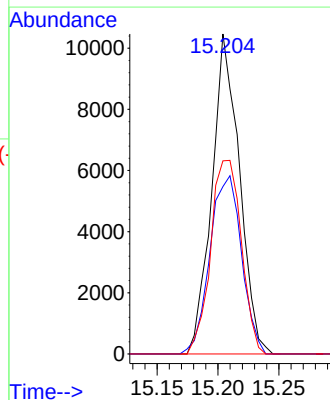
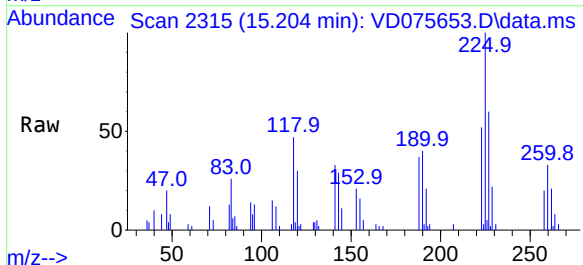
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

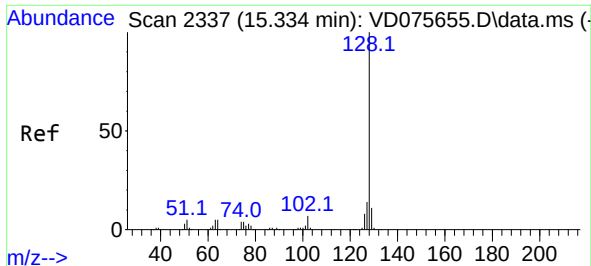
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 31556 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.1  | 47.9  | 143.7 |
| 145       | 29.9  | 15.9  | 47.7  |



#94  
 Hexachlorobutadiene  
 Concen: 12.814 ug/l  
 RT: 15.204 min Scan# 2315  
 Delta R.T. 0.000 min  
 Lab File: VD075653.D  
 Acq: 13 Apr 2023 10:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 16488 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.9  | 33.1  | 99.2  |
| 227       | 67.4  | 31.9  | 95.9  |

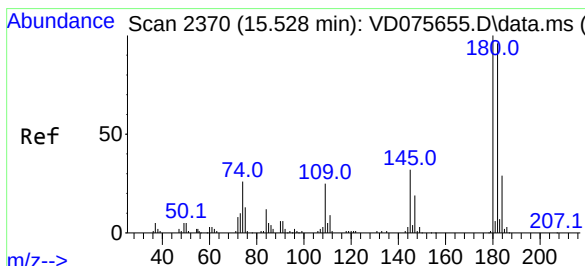
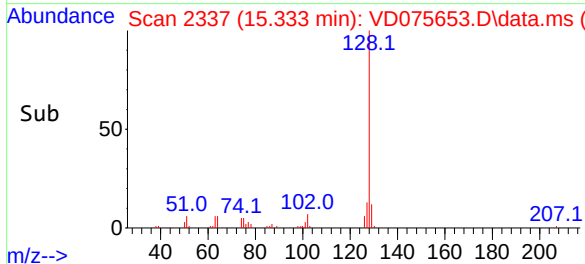
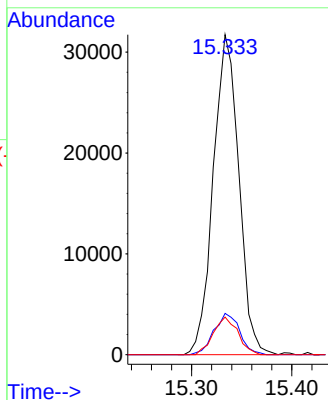
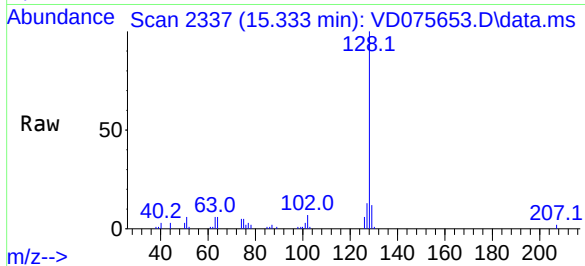




#95  
Naphthalene  
Concen: 11.010 ug/l  
RT: 15.333 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 56154 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.9  | 10.4  | 15.6  |
| 129      | 11.3  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 12.177 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.006 min  
Lab File: VD075653.D  
Acq: 13 Apr 2023 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 28855 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.4  | 47.7  | 143.1 |
| 145      | 29.5  | 16.4  | 49.4  |

